PWD

Vol 24

Public Works Index

1851

9484

G no

872

MADRAS RECORD OFFICE.
BLOCK 1
RACK No. 73 Z
NUMBER 9484

Index
A
Public Works Department
Advances - Vide Page 4

Allowances. & Leave of absence

Allow: drawn by Lieut. Carpendale for his supervision of Coloor
.. Ghaut & other Roads in Canara. The Military Auditor Genl.
.. to state to what Department they should be charged ——— 1851 7 Jany 5-6

Retrenchment of Salary drawn by Lieut. Wyld as superintendant
.. of the Coormenghia Ghaut, His memorial appealing against it
.. forwarded to Military Auditor Genl. with a request to report in com
.. munication with the Civil auditor the exact amount to which he
.. is entitled what he has overdrawn, & what compensation can be fairly
.. accorded to him for the loss of his Regimental Allowances ——— .. 24 Do 3-4

Captain Heathorn. Retrospective Sick Leave from 1 June to 5
.. August last, granted. & Allow: subject to Deduction of Extra
.. Tentage also sanctioned on the Civil Auditor's report ——— .. 31 Do 38-39

Lieut. Carpendale, Allow: for Supervision of Coloor Ghaut & other
.. works in Canara, on a Report from the Military Auditor General
.. Govt. direct his Military allowances whether during the pro-
.. gress or suspension of the works to be charged to Civil Dept.
.. & the Civil auditor to admit them. His Civil allowances
.. for superintending the Construction of roads from Yellapore to
.. Moondagode & Hullyhal Rs 367-11-" also sanctioned -
.. Retrenchmt of his Civil allow: while employed on the Coloor Ghaut
.. to be withdrawn as the allow: have been Sanctioned on 28 Septr 1850.

Auditing of the allowances for Superintendence as an Item of the
.. Estimate & not as a personal Allowance, the suggestion of the
.. Bd on the subject Concurred in, & the manner of exhibiting such
.. payments in future pointed out ——— .. 18 Feby 1-2

Serjeant Hopkins, overseer of Neilgherry Roads, Increase of Salary
.. from the date of Captain Simpson's vacating his appointmt of Supert.
.. of Neilgherry Ghauts Sanctioned with the observation that the allow:
.. of 30 Rs formerly given to this officer, was part of 5000 Rs Sanctioned
.. for annual Repairs &c ——— .. 17-18

Allowances to Gentlemen comprising the Commission for reporting on
.. System of Public Works, The Bengal Govt requested to state whether
.. the Gentlemen in Bengal are to receive any allow: extra to those of their permanent offices ——— .. 4 March 22

Allowances & Leave of absence

2 Allow: to Lieut. Wyld Civil allow: of 100 Rs for his superintendence
.. of Coormunghia Ghaut to be passed to him & for the time he retained
.. the Command of the Detachmt. of Sappers & Miners after the Com
.. pletion of that work – as well as, as compensation the amount of
.. Company Command allowance which he would have drawn had
.. he joined his Regiment —— 1851 18 March 20-21

Allow: to Public Works Commission. Govt. of India state
.. no allow: Extra to the salary of his permanent office has been
.. granted in Bengal to any Member —— .. 8 april 11-12

Lieut. Applegath 2d Asst 1st Dn. Placing him on the footing of a
.. first Asst. or allowing him increased allow: of 100 Rs per mensem
.. from 1st January 1851 recommended for the Sanction of Govt.
.. of India on the request of the Bd of P W —— .. 15 Do 10-11

Distinction of 1st & 2d Assts. to Superintt. of Roads, removed ——

Captain Heathorn & Lieut. Forlong. Division of the difference of 100 Rs
.. hitherto kept in abeyance between them directed ——

Lieut. Forlong, to draw 50 Rs per mensem from the date of his ap=
.. pointmt. to Road Dpt. for reasons stated

Captain Heathorn his 50 Rs to continue undrawn till he is qualified
.. for withdrawal from Regimental Duty —— 3 June 11-12

Regimental allow: of Captain Boswell & Ensign Lawford to be
.. debited to Civil Dpt. & not to the Pagoda Funds as the Estimates
.. for the road thro' Cotton districts to Tuticorin (the Cost of which is
.. to be defrayed from them) include only the Civil allow of a 2d Asst.
.. Civil Engineer which alone should be debited to Pagoda Funds —— 17-18

Allowances to Lieut. Wyld
.. For superintendence of Coormunghia Ghaut, a Civil allow:
.. of 100 Rs to be passed to him to 24 March 1850 the date on which
.. the work ceased ——
.. For superintendence of Sohunpore Road, Govt. observe that as
.. the work was undertaken under the authority of Govt. of India
.. & as the regulating of his allow: rests with that Govt. the agent &c
.. should apply regarding them to that authority —— .. 13 Do 7-8

Captain Campbell, application for leave sent to Military
.. Department Vide Roads —— .. 24 Do 3-4

Lieut. Applegrath 2d Asst. 1st Dn Placing him on the footing of a
.. first Asst. in point of Emoluments, in supplying the information called for
.. by Govt. of India on the subject, the Bd to advert to the Correspon
.. dence on the subject of limiting the Number of Engineer officers

24

Allowances & Leave of absence.

Lieut. Applegrath Placeing him on the footing of a 1st Asst. Contr.
.. & to shew to what extent the limit has been departed from, also
to report the names of those appointed from the Current year addi
..=tionally, & the Expenditure of Civil allow: thereby incurred — 1851 11 July 11-12

6 Division. Asst. overseer Serjeant Horgan, reduction of his allow:
.. through the operation of G. O. G. of 27 May 1851 below those of his Junior
.. Corporal Conolly, brought to notice by Bd. with reference to their views
.. on the organization of the overseer Department already reported
.. Referred to Military Departmt. for Consideration . . . . 15 Augt. 1-2

Lieut. B Wyld 18 Madras N. I. Allow: to inclusive of Establishmt.
.. for superintending Sohanpore road of Rs 150 per Mensem Sanctioned
.. by Govt. of India — Comd. to account & audit — The Civil auditor to re=
.. gulate the allow: from the date on which Lieut. Wyld entered upon the Duty .. 2 Septr. 3-4

Captain Campbell. application for a Continuation of his allowances
.. as Superintendent of Trunk Road N. E. in Ganjam from 1st May
.. to 28 July 1851. not to be complied with as being groundless — .. 9 Do. 5-6

6 Dn. Asst. overseer Serjeant Horgan, reduction of allow: &c.
.. The subject resolved in the Military Dept. to be referred to Govt. of India .. 23 Do. 7-8
.. an Ex: Min: Con: in the Military Dept. communicating a letter from
. Govt. of India to the effect that under the Bengal Presidency Family
allow: would be due to corporal & not Serjt. Asst. overseers Communi
cated to Bd. of P W — .. 16 Decr. 13-14

I D Bourdillon Esqre. Collr. of N. Arcot on special duty as Member of
.. the Public Works Commission. Compensation for Ex: Expences he incurs
.. Further information of his actual Extra Expenses desired by Govt.
.. with a view to support his claim in laying it before Govt. of India .. 23 Do. 1-2

3

Act VIII of 1851 – Vide Tolls

Advances of Money for Road-Work.
Placing them in the name of Superintt of Roads Vide "Roads"

Balajee Row Zemindar – Vide "Petitions"

Balfour Major. Vide "Public Works" —— 1851 18th Feby 5 to 8

Barracks – Vide "Military Buildings"

Beach Defences &c

<u>Tranquebar Sea Defences</u>, The letter from the Collector of Tanjore reporting the Value of Public & Private buildings in the Town & the inability of the inhabitants to contribute to the work to be transmitted to Ho: Court —— 1851 7 Jany 3-4

<u>Construction of Vaughanies for the defence of the Wharf & Town of Ponany in Malabar</u>, Estimate of Rs 11,148 recommended by Bd & Sanction for Rs 7619-10 for the present to construct the 1st & 3d Vaughanies also requested by Bd — Govt observe that the Sum now required would make the expenditure hitherto incurred above 25000 Rs & that no knowledge of the real Causes which have endangered the Wharf was obtained — The Bd to report whether the progress could be effectually arrested by any measure & if not when the outlay is to cease — The Estimated loss of Property in the event of the river being left to itself, also to be reported. The opinion of a 2d Engineer officer also to be obtained on Major Cotton's plan —— 4 March 1 to 3

The Plan of Constructing Groins suggested by Major Cotton preferred by Govt to that of Captn Ouchterlony — & with reference to the former Correspondence on the subject, Govt sanction, according to the opinions of their Honorable Members the Construction of 2 Groins at Rs 7649-10-" & should further measures be necessary they will be Considered hereafter — The Chief Engineer to Consider whether advantage may not be derived by Cutting thro <u>the spit of land to the Southward of the Town</u>. <u>Levy of tax on Boats landing at the Quay</u> authorised to be made simultaneously with the Commencement of the works as agreed on by the inhabitants & the amounts of such Collections to be furnished for being compared with the outlay — The Memo: of the Right Hble the President on the Bd's letter of 9 January 1851 to be brought upon record as a Minute as his Minutes declining to Sanction the proposed remedies as ineffectual .. 13 May 10 to 16

<u>Tranquebar Sea Defences</u>. Hono: Court would Sanction the protective measures suggested by the Committee, & with reference to the suggestion of the R.H. Govr for the Construction of Groins entirely of stone desire that should there appear any doubt as to the old Masonry from the fortifications more substantial material should be employed for the whole work — observe that if a portion of one of the Groins has been constructed as Cap: Lawford expected it will enable Govt to form an opinion on the subject — The Despatch

CPD 5

6 # Beach Defences &c.

Tranquebar Sea-Defences Contd.

.. of the Ho: Court Comd. to Bd. of P.W. The Bd. to state what has already
.. been done for the protection of the Town. The Civil Engr. to proceed with
.. the Works according to the Estimate of the Committee. Any further mea=
.. sures, if necessary, to be stated & the Points adverted to by Ho: Court to be particularly
.. noticed —————— 1851 5 Augt. 9.

.. The report of the Progress & effects of the Works satisfactory. The actual
.. Expenditure has been above 7000 Rs. & will not exceed 20,000 Rs. The Civil
.. Engr. to proceed with the works on the proposed plans. Blocks of stone from
.. Trichenopoly to be brought down by rivers during Monsoon & after making use
.. of all the masonry available, the remaining work to be built with stone. —
.. Expenditure of 500 Rs. for construction of Wooden Frames authorised. A report
.. of the state of the Defences to be required in January next. The Bd. to report what
.. has been done towards Rebuilding the Walls of the Demolished Bastions or part of them } .. 24 Octr. 5-6

Best Captain. Warning to Vide "Engineering officers"

Bills. Practice of sending them &c. Vide "Public Works"

Blue Cloth, supply to Banglow Peons Vide "Traveller's Banglows"

Bourdillon I. D. Esqr. Vide "Public Works" —————— 1851 18 July 5 & 8

Boring Apparatus

Cleansing of the Apparatus sent to Tutacorin, charges in 1848/49 Rs. 44-9-6
.. sanctioned. Information requested as to the success of its use at Tutacorin, whether
.. any further Experiments are contemplated, & in whose charge it continues —— .. 15 Augt. 11-12
Expenditure on Experiments in boring for water at Tutacorin, amounting
.. to Rs. 1484-10-5 sanctioned from Tiruvany Funds. No further Expendi=
.. ture to be incurred. The Military Bd. informed that the Boring Apparatus is
.. no longer required & that it is at the arsenal at Palamcotta & available for
.. use where it may be wanted —————— .. 16 June 3-4

6

Bridges.

Tanjore: Alteration of 2 Bridges one across the Cauvery the other
.. across the Munnicurnegar on the road from Sheally to Tranquebar
.. Estimate amounting to Rs 467 Sanctioned —— 1851 7 Jany 13-14

Tinnevelly. Reconstruction of 2 Small Bridges. Estimate
.. amounting to Rs 311-2-.. Sanctioned Vide Roads —— .. 17 Do 5-6

Completion of the Cuddumbella & Cabbinhal Holla Bridges with
.. Teak Timber Platforms instead of Stone arches, under the
.. opinion now expressed by the Right Hoble the President & the Hoble
.. Members of Govt. the work authorised on the reports now submitted
.. by Bd of PW from Major Green & Captain Baddam. The omission
.. of the Bd to submit Major Green's opinion on the insufficiency
.. of Laterite for piers of Bridge to support arches, noticed —— .. .. 16 to 21

Cuddapah. Construction of Bridges over the Bogga & Ralla rivers
.. Estimate of Rs 24340-3-8 submitted by Bd. The Bd to submit
.. Estimates showing the cost of constructing them on the plan suggested
.. by the Chief Engineer of Jungle Wood or Palmyra Trees —— .. 24 Do 7-8

Malabar. Construction of a Bridge of 6 yards roadway over
.. Parlakadow river, Estimate amounting to Rs 12,990-1-6
.. Sanctioned Vide Roads —— .. 31 Do 11-12

Tanjore. Construction of small Bridges & Tunnels " Roads 15-16

Tanjore. Alteration of 3 Bridges, two over the Moodecoundum
.. & one across the Natan Voikal at Rs 2543-6-8 Sanctioned
.. under the altered state of irrigation in Tanjore which
.. renders the Enlargement of the Waterway necessary —— 28-29

Trichinopoly Kauery Bridge Enquiry. Explanation of W. Elliot Esqre
.. regarding certain points connected with it reported by him
.. to have been submitted to the Bd —— .. 11 Feby 11-12

Vizianagrum Zemy. Bridge over Bimlipatam River Vide Roads .. 18 Do 15-16 4 ws

Canara. Excess charges in the construction of two Bridges Vide Public Works .. 18 March 1-2

Progress of the Coleroon Bridge; Govt. request to be informed of it
.. Vide Captain Lawford under the Hd of "Engineering officers" .. 3

Trichinopoly. Construction of a Bridge over the Vycoondum channel
.. Sanctioned Vide Pagoda Funds —— .. 6-7

Bridges

8 Guntoor. Construction of 3 Bridges, Estimate amounting to Rs
.. 3222, 3-4. Sanctioned —————————— 1857 18 March 12-13

Tanjore. Bridge over the Trimulrajen, construction of the Piers
.. in Brick & chunam instead of stone facings suggested by the
.. French Govt. Govt would not insist on the piers & retaining Walls
.. being constructed with stone-facings, unless it is indispensable
.. as the french Govt object to the addl expense to be thereby incurred
.. & the Collr authorised to sign the agreement proposed by the Administrator
.. at Karikal —————————— .. 18-19

Bellary. Bridge over the surplus channel of the Rungasamoodra
.. Tank & a Tunnel across 5 channels of irrigation near Moka on the
.. Road from Bellary to Kurnool. The Estimates amounting to
.. Rs 750 and 650 respectively Sanctioned —————— .. 25 Do 8-9

Malabar. A Bridge over the Tripaloor river, & 5 other Bridges
.. Vide "Roads" —————————— .. 1 april 1-2

Nellore. Construction of a Bridge over the Beerapairoo River
.. near Sungum on the Road from Nellore to Cuddapah. Estimate
.. amounting to Rs 4613-12-. Sanctioned —————— 9-10

Tanjore. Trimulrajunar Bridge in Karical Territory, The necessity
.. of retaining Walls & needlessness of the stone facings of Piers and
.. retaining Wall reported by Bd —————————— .. 8 april 5-6

Construction of Bridges over the Vuddavaur, & over the surplus
.. channel from the Wallajah Tank on Trunk Road No 9 lead
.. ing to Combaconum & Tanjore. —————————— and
Construction of a Bridge of 5 arches over the Chinnaur and a
.. Causeway over the Oopaur near Samiaveram on Trunk Road
.. No 8 – Estimates amounting to Rs 21,702-13-. Sanctioned – .. 29 Do 1-2

Bridge over Palaur, not sanctd & a Wooden Tramway suggested
Completion of the Bridge on the Vellar Anicut
Bridge over the Rajah Voikal from lower Coleroon Do
Bridge over the Vellaur beyond Arinoor
Bridge over the Chennaur & stone flooring with
.. foundations for piers across the Oopaur
Bridge over the Coleroon on Trunk Road No 8
Bridge over the Mungarray river on Road No 5
— Vide Roads. 19-20

Madras – Charges incurred in the reconstruction of the Bridge
.. over the surplus channel of the Noongumbaukum Tank
.. Sanctioned on an Explanation of the Excess Vide Roads —— .. 6 May 3-4

Bridges.

9

Bellary. Bridge over the surplus channel of Anantapoor Tank
.. & a Flate Bridge on the Banglore & Hyderabad Road
.. Estimates amounting to Rs 2031-6-7 & Rs 495-8-" respectively
.. Sanctioned ——————————— 1851 13 May 19-20

Trichinopoly Coleroon Bridge, Progressive report, recorded Vide
.. Captain Lawford under the Hd of "Engineering officers" 25-26

Coleroon Bridge near Trichinopoly. Destruction of more than 20 arches
.. reported by the Bd. Govt will await a report on this disaster
.. from Superintt of Roads who will lose no time in proceeding to the spot .. 20 Do 1-2

Coimbatore. Construction of 2 small Bridges, Estimates amounting
.. to Rs 389-3-" sanctioned ——————————— .. 20 Do 10-11

Trichinopoly Coleroon Bridge. Report on fall of more than 20 arches
.. from Civil Engineer 6 Dn recorded ——————— 23-24
.. Restoration of, an Estimate of the probable Expenditure re=
.. quired for it submitted by Superintt of Roads for sanction—
.. Govt defer passing orders on the subject until they receive Captn
.. Best's report on the subject. Expenses incurred for Examining the
.. foundations, to be charged to the Bridge Accounts ——— .. 13 June 1-2

Tanjore. Briges over the Velliar near Velunguerney & over Vettaur
.. noticed— Vide Roads Para 9 ——————————— .. 24 Do 1-2

Nellore. Construction of additional Bridges on Roads in station da=
.. maged by floods, & of a Bridge on Trunk Road N. 6. Vide Roads 7-8

Guntoor. Reconstruction of a Bridge over Vettatoor channel at Butterpole, an
.. Estimate of Rs 1573 not sanctioned Vide Jails & Engineering officers .. 1 July. 9 to 11

Nellore. Raising the Bridge under Construction over the Vagoor
.. channel, an additional Estimate amounting to Rs 280 sanctioned 11 Do 7-8

Nellore. Construction of a Bridge on Trunk Road N. 6 consi=
.. dered by Superintt inadvisable— Comd to Bd of P W ——— .. 22 Do 1-2

Trichinopoly Coleroon Bridge. re-construction, & Cause of the fall
.. upon a Minute recorded by the Right Hoble the President on the subject
.. Govt observe that the Estimate now submitted by the Superintt provides
.. for an Expenditure of Rs 37161-6-" Govt are not yet satisfied with the
.. Cause of the fall & apprehend notwithstanding Captain Best's assurance
.. to the Contrary that should the bridge be rebuilt on its present site
.. & plan it may yet meet with a similar misfortune. Government

9

Bridges.

10 Trichinopoly Coleroon Bridge, Cause of its fall & its reconstruction Contd.
.. therefore send Captain Best's present report with the report of the former
.. Committee, & Captain Lawford's letter to a Committee of Engineering
.. officers in the Presidency in order that Govt. may have their Sentiments
.. not only regarding it but also to the probable Cause of the failure of the work 1851 5 augt. 1 to 3

Chingleput. Construction of Nuttum Madagoo Bridge.
.. Present of 100 Rs out of the Saving effected on the Estimate to asst.
.. overseer H. G. Cahill Sanctioned for his efficient Superintendence .. 2 Septr. 9-10

Tanjore. Construction of a Bridge across the Paumany River near
.. Moottoopettah Appropriation of Rs 7382-9-10 estimated for the
.. work from the Surplus Pagoda Funds Sanctioned as proposed by Bd. .. 7 octr. 2-3

Bowany Bridge on the Road from Salem to Coimbatore,
.. Its availableness for use, a Notification on the subject from
Superintt. of Roads to be published with Translations in Tamil
& Teloogoo in the Fort St. George Gazette ———— 4-5

Tinnevilly. Construction of a Bridge over the Chittar & another over the
.. Pilliarcolum supplying channel on the road from Tinnevilly to
.. Shenkerminar coil & Streevellypoottoor at the Expense of inhabitants
.. Execution of the work (Rs 16708-4-..) by the Rev: & Murrummut
.. Departmt. of the District authorized as requested by Colr. thro' the Bd. .. 14 Do. 6-7

Trichinopoly. Construction of a Bridge over the Iyar close to its junction
.. with the Coleroon on the road from Trichinopoly to Moosery & Salem at an
.. estimated Cost of Rs 6949-4-8 recommended by Bd. of R as necessary
.. for the direct road between Nochium on the left Bank of the Coleroon
.. opposite Trichinopoly & Moosery, but not Sanctioned by Govt. as there
.. is a High Road running parallel to the one proposed & already bridged "Roads" 21 Do. 1-2

Tanjore. Enlarging the Bridge over the Kakyar on the road from
.. Sheally to Tranquebar. an Estimate amounting to Rs 1366-4-..
.. recommended by Bd. Sanctioned ———— .. 28 Do. 1-2

Guntoor. Repair to Platform Bridges on roads to Salt Stores. "Road" 3-4

Canara. Monsoon repairs to Temporary Bridges over deep Nullahs
.. in Honore & Sonda Talooks for 1849 Bill Rs 41-6-8. Sanctioned .. 4 Novr. 1-2
.. Do. in other different Talooks for Do. Bill Rs 206-7-7. Sanctioned ..

Trichinopoly. Completion of Cauvery Bridge during 1849 Bill Rs 27665-13-1.
.. Temporary Bridge across Nadoocaray Vaut Voikal Do. Bill Rs 12-7-3 Sanctd. .. 5-6

Trichinopoly. Coleroon Bridge, Causes of Failure reported by the Committee
.. & their suggestion for rebuilding it on the present plan & site, with certain
.. modifications approved & to be acted on by Captn. Lawford & Superintt. of Roads
.. according to the opinion of the President, concurred in by the Hoble. Members —
.. The amount given by Captn. Best, to be revised with reference to the Suggestion of the Committee .. 8 to 10

10

Bridges.

Malabar. Construction of a New Masonry Bridge in lieu of the Wooden
.. Platform one over the Watapolem stream between Paulghaut & Ponany
.. at an estimated expense of Rs 4553-2-. recommended by Supernt
.. of Roads. Govt desire to have further information regarding
.. the work together with an Estimate of the Expense of repairing the
.. present Platform Bridge with good material in order that Govt
.. may have the means of judging whether would it be better to
.. restore it or Construct a New Masonry Bridge ——— 1851 9 Decr 3-4

Kurnool. Kadarabad Bridge. Expenditure upon Rs 2917-8-9 Sancd
.. Great Height of Piers to be explained ——— 11-12

Trichinopoly. Completion of the Bridge across the Coleroon. a
.. revised Estimate from Supernt of Roads Rs 42099-5-9
.. Sanctioned ——— 13-14

Bridge across the Bimlipatam river under construction
.. Suspension of work pending an Examination of the injury it
.. sustained reported by Supernt of Roads approved ——— 15-16

Cauvery Bridge at Bowany. near Completion reported by Bd
.. Large Saving of 14.000 Rs expected, with reference to this Govt de-
.. sire the Bills should be examined with a view to ascertain whether
.. any saving has really been effected or otherwise. ———
.. System of granting Donations objected to by Government
.. Donation of 700 Rs to overseers Reid & Loosemoore & Maistry
.. Veerasamy Moodelly granted ———
.. Lieut Wilkieson asst C. E. & Reid apptd overseer their services approved
.. Construction of a Choultry at Bowany proposed approved ——— .. 16 Do 1-2

Guntoor. Repairs &c to sundry Platform Bridges Estimate from Bd Rs 361-
.. 6-7. sanctioned ———

Malabar. Repairing the Erenjolee Bridge on the road from Tellicherry
.. to Manantoddy. Estimate from Bd Rs 963-14-. Sanctioned.

Madura. Reconstruction of an old Native Bridge Vide "Roads" 11-12

Bellary. Construction of a Bridge over the Pennar between Anuntapoor
.. & Bellary on a road from Madras to Bellary. Estimate of Rs 35280
.. recomd by Supernt of road for Sanction. Govt did not contemplate in
.. Min: Con: 19 Novr 1850 N 221 such expensive work as is designed by Major
.. Henderson, & the Bridging of large rivers should be deferred till a road
.. is generally formed. Captn Best's Proposition for a Passable Road x in 1. 23 Do 24 to 26

x in this direction 4 years ago at a cost of 2800 Rs observed not to have been carried out.

6 # Bridges.

12 <u>Malabar.</u> <u>Construction of 2 Bridges on the road from Palghaut to</u>
.. <u>Tenguruchee</u> Expenditure incurred by Mr Robinson Rs 158-11-6
.. Sanctioned - Vide Public Works. —————— 1851 23 Dec S 29-30

Bridges Connected with Roads.

<u>Bills of Expenditure &c. on</u> Vide "Roads." —

12

Buildings.

Guntoor, Tanjore, Coimbatore, & Cuddapah. Construction
.. & Repair of Civil Buildings; Estimates amounting to
.. Rs 2558-12-2 Sanctioned Vide Travellers Banglows 1851 17 Jany 1-2

Tinnevilly. Bills of Expenditure in Construction & Repair of
.. Civil Buildings during 1848 Rs 3170-12-11 Sanctioned — 3-4

South Arcot. Bills of Expenditure for 1848 on Rev: Public, &
.. Judicial Buildings. Rs 4410-12-3- Sanctioned — 14-15

Ganjam, Vizagapatam, Cuddapah, North Arcot, Coimbatore, Madura
.. & Tinnevilly. Construction & Repair of Civil Buildings & Roads
.. Estimates amounting to Rs 7653-12-5 Sanctioned —

Chingleput. Construction & Repair of Civil Buildings, Estimates
.. amounting to Rs 913-10-8 also Sanctioned Vide "Traveller's B"
.. and "Dead houses" — 22, 23

South Arcot. Expenditure upon Roads, Bridges, Canals & Boats during
.. 1848 amounting to Rs 20,913-1-1- Sanctioned — .. 24 Do 9-10

Kurnool & Nellore. Bills of Expenditure on Civil Buildings for 1848
.. Rs 298-" 7 and 3101-1-10 respectively Sanctioned — .. 31 Do 3-4

Trichinopoly & Salem. Bills of Expenditure on Civil Buildings
.. for 1848- Rs 1336-3-4 Sanctioned Vide "Traveller's Banglows" .. 11 Feby 1-2

Trichinopoly & Salem. Bills of Expenditure on Roads, Bridges, &
.. Boats for 1848 amounting together to Rs 80276-12-2 Sanctioned .. 18 Do 3-4

Tanjore. Bills of Expenditure on Civil Buildings &ca for 1848
.. Rs 7468-8-" Sanctioned — 9-10

Tanjore. Bill of Expenditure upon Roads, Bridges, Boats, & Canals
.. for 1848. Rs 17717-1-8. Sanctioned — .. 25 Do 1-2

Nellore, Cuddapah, Bellary, & Kurnool, Estimates for repair &
.. Construction of Civil Buildings, amounting with a certain
.. exception to Rs 3087-15-" Sanctioned Vide "Tra: B" 5-6

Madura. Bills of Expenditure on Roads & Bridges &ca for 1848
.. Rs 8415-5-6 Sanctioned — 7-8

Madura. X3

14 # Buildings

Madura. Bill of Expenditure in Construction, improvement,
.. & repair of Civil Buildings for 1848 Rs 7264 – " 2 Sanctioned 1851 25 Feby 9–10

Canara. Construction & repair of Civil Buildings, Estimates
.. amounting to Rs 6295-11-5 Sanctioned —— .. 4 March 14–15

Canara. Bill of Expenditure on Roads, Bridges, & Ferries for 1848
.. Rs 7962-15-11 Sanctioned Vide Public Works & Bridges .. 18 Do 1–2

Salem. Revenue & Public Buildings, occasional Estimate
.. amounting to Rs 274-1-11 Sanctioned —— .. 1 April 7–8

Bellary. Construction & repair of Revenue & Public Buildings, Esti=
.. mates amounting to Rs 1823-14-" But Govt sanction only
.. Estimates to the extent of Rs 1323-14-" subject to a further
.. deduction ~~of Rs 431~~ Vide Traveller's Banglows —— 11–12

Masulipatam. Bills of Expenditure on Civil Buildings for 1848
.. of the amount submitted for sanction namely Rs 6369-8-5 –
.. only Rs 5518-10-4 Sanctioned Vide Cutcherries —— .. 6 May 10–11

Cuddapah. Bills of Expenditure on Civil Buildings for 1849
.. Rs 3679-8-11 Sanctioned —— .. 20 Do 4–5

Malabar. Bills of Expenditure on Roads, Bridges, Canals &ca
.. for 1848 Rs 30510-13 subd by Bd for Sanction. Govt Sanction
.. Bills only to the Extent of Rs 29742-8-4 - Vide "Ferry Boats" .. 27 Do 3–4

Malabar. Bills of Expenditure on Civil Buildings & of Mur=
.. rummut sibbendy for 1848. Rs 8211-9-5 Sanctioned —— 5–6

Masulipatam. Guntoor. Bellary & Madura, Construction &
.. repair of Civil Buildings Estimates amounting to Rs 1414-9-3
.. Sanctioned —— .. 3 June 3–4

Bellary. Bills of Expenditure on Civil Buildings for 1849
.. Rs 5184-9-" Sanctioned —— 15–16

Malabar & Canara. Usual annual repairs of rethatching & otherwise
.. repairing Revenue & Public Buildings, Estimates amounting to
.. Rs 2948-4-3 & 2816-13 respectively Sanctioned —— .. 9 Septr 2–3

Guntoor. Different Works done in 1849 Bill Rs 342-6-7 Sanctioned .. 28 Octor 3–4

Canara. Statement of Expenditure on Civil Buildings for 1849
.. amounting to Rs 16,986-13-" Sanctioned —— .. 11 Novr 1–2

Vizagapatam, Masulipatam, Tanjore, Coimbatore & Malabar
.. Estimates for repair of Civil Buildings - Rs 3457-5-2 Sanctioned .. 18 Do 5–6

14

MLC

Buildings.

Cuddalore. Erection of a Banglaw for addl accommodation to .. Govt House occupied by Collr Estimate amounting together with .. ordinary repairs to the Main Building to Rs 2500-14-11 Sanctioned 1851	2 Decr	1-2
Ganjam. Repair of Houses occupied by Sibbendies Bill Rs 60-11-8 Sanctd ..	..	3-4
Tanjore & Tinnevilly. Statements of Expenditure on Civil Buildings ... for 1849 & 1851 - Rs 9884-14-2 & 54-9-.. respectively Sanctioned ..	..	8-9
Kurnool. Statements of Expenditure on Civil Buildings for 1849 .. amounting to Rs 2080-5-9 Sanctioned —— ..	9 Do	9-10
Tinnevilly. Expenditure on Roads & Bridges for 1849 Rs 12,105-11-4 Sanctioned	16 Do	9-10
Coimbatore. Expenditure on Civil Buildings for 1849. Rs 1504-13-5 Sanctioned	..	23-24
Madura. Expenditure on Civil Buildings for 1849 Rs 1587-5-.. Sanctioned	23 Do	33-34
South Arcot. Expenditure on Civil Buildings for 1849 Rs 1967-12-2 Sanctioned	..	37-38

76 Canals - Vide "Ferry Boats & Navigation Canals". -

Carnatic ordnance artificers. Vide "Engineering officers &c" & "Roads". -

16

Cart Fund.

Salem. Charges from for 1849 Rs 3586-10-4 Sanctd under the Collector's
.. assurance for the future his explanation of these charges not being satisfactory
.. The account for 1850 to be expedited, & the statements &c for 1849 with
.. Tamil Translations to be published ——— 1851 5 Augt 11-12

Carts or Cartage.

Enhancement of the Cost of &c by Collr of Chingleput Vide "Roads" 1851 23 Septr 9-10

Causeways.

Causeway over Oopaur on Trunk Road No 8 - Vide Bridges ——— 1851 29 April 1-2
Chingleput. Construction of a Causeway across the Palaur at
.. Rs 27,000, of which Rs 17,000 can be saved by Convict labour
.. proposed by Superintt. Govt favor the proposition, & desire him
.. previously to framing his Estimate to ascertain to what extent
.. Convict labor can be afforded & to make a proportionate allow:
.. in the Cost ——— .. 11 July 5-6
Canara. Repair to Causeway across the Berty river on the road between
.. Munchikerch & Yellapore in Soopah Talook - Bill of Expenditure
.. amounting to Rs 55-14-2 Sanctioned ——— .. 4 Novr 1-2

Choultries - Vide "Chuttrums & Choultrees."

.. attached to Traveller's Banglows Vide "Traveller's Banglows".
.. on Perambady Ghaut Vide "Traveller's Banglows" 1851 27 May 1-2
.. Cutwab. Vide "Cutcherries".

Chuttrums & Choultries

18 Coimbatore. construction of 7 Chuttrums Sanctioned Vide Pagoda Funds 1851 8 April 3-4
Nellore. – Building of 2 Chuttrums Sanctioned Vide D° .. 13 May 2.3
Coimbatore. Construction of 3 Chuttrums from Chuttrum Funds
.. Rs 4423 Sanctioned Vide Pagoda Funds, Roads, & Topes .. 1 July 12.13
Coimbatore. Construction of another Choultry at Conoor at
.. an Estimated charge of 300 Rs requested by Collector sanctioned
.. Vide "Estimates" .. 15 Augt 15-16
.. Construction of a Choultry at Bowany Vide Bridges .. 16 Decr 1-2
Ootacamund. Repair of Native Choultry. Estimate of Rs 1208-5-11
.. submitted by Military Bd returned to them for resubmission
.. thro' Colln & C. E. the Choultry not being a Military Building .. 23 D° 18-19

Chuttrum Funds. Vide "Pagoda Funds".—

Civil Engineers. Vide "Engineering officers".—

Civil & Military officers.

Examination of in Native languages, or Tests of Qualification required of. The suggestion of the Right Hble the President to cancel the
.. scale laid down in May 1847, & to substitute that fixed for officers
.. qualified to hold charge of Troops not to be acted on till the result
.. of the Governor General's Deliberations on the subject is known.
.. Vide Lieut Steel, under the Hd of "Engineering officers" 1851 16 Septr 7 to 12

Cloth Blue – Vide "Blue Cloth".—
Clothing Warm Vide "Blue Cloth".—
Compensation
To Parties in Salem for injury done to their Property in Road making. Vide "Petitions".—
Contingent charges or Bills Vide "Miscellaneous"

18

Convicts

Employt. of on the proposed Bridge over the Palaur Vide Roads 1851 29 april 19-20

Chingleput. Employt. of Con: on a Causeway proposed to be built

" across the Palaur. Vide Causeways —— " 11 July 5-6

Cotton J. C. Major. Vide "Public Works" —— 1851 18 July 5 to 8

Cross-drains. Vide "Drains." —

Custom-houses

Madras. Repair of sheds & Buildings attached to the Custom-house
.. on the North Beach, Estimate amounting to Rs 1046-5-7 from
.. the Military Bd Sanctioned ———————— 1851 13 May 6-7

Madras. Repair to the Building of Land Custom house, an Estimate
.. from the Military Bd Rs 199-"-8 Sanctioned ———————— .. 28 Octr 9-10

Canara. Construction of Custom house at Coompta. Estimate from
.. Bd amounting to Rs 2047 Sanctioned ————————
.. Appropriation of present Custom house as Police Ameen's Cutcherry
.. in lieu of a new one Sanctioned at a Cost of 1134-15 proposed .. 25 Novr 14-15

Cutcherries, Courthouses, Public offices &ca.

Ganjam. Enlargemt. of the Huzzoor Cutcherry at Chatterpore
.. Estimate amounting to Rs 1048-12 " Sanctioned the proposed arrangemt.
.. being superior to that submitted on 16 October 1848 —— 1851 7 Jany 11-12

Coimbatore. Repair of part of Huzzoor Cutcherry including the
.. Treasury Estimate amounting to Rs 1392-4-9 Sanctioned .. 17 Do 10-11.

Bellary. Addition to Huzoor Cutcherry. Estimate amounting
.. to Rs 8004-8-6 Sanctioned —— .. 31 Do 13-14

Madras. Repairs of the Rev: Bd. office, Entire charge including
.. the amount of a supplemental Estimate Vizt. Rs 215-" 8
.. Sanctioned - Irregularity of Superintending Engineer in
.. proceeding to the Execution of the work he knew would cost
.. double the amount noticed by Government —— .. 11 Feby 3-4

Nellore. Erection of the Talook Cutcherry of Talamunchee at Alloor
.. instead of at Gundaveram approved by Govt. as Sancd. by Bd.
.. Sale of the building outside the town of Alloor formerly
.. occupied as Talook Cutcherry, if not required for public purposes
.. also directed by Govt. —— .. 4 March 18-19

Bellary. Rebuilding the Goollum Talook Cutcherry at Auloor
.. Estimate amounting to Rs 2300 Sanctioned —— .. 18 Do 16-17

Masulipatam. Construction of Codoor Talook Cutcherry Bill
.. amounting to Rs 850-14-1 to lie over until a further report is
.. received from the Collector of the state of the Building
.. at the Expiration of 2 years the period he held the Maistry
.. responsible for its stability —— .. 6 May 10-11

North Arcot. Construction of Talook Cutcherry at Chundra
.. gherry. Estimate amounting to Rs 1801-6-1 Sanctioned 14-15

Masulipatam. Repair of 2 Talook Cutcherries Rs 191-13-2 Sanctioned

Kurnool. Improvemt. of Nundial Talook Cutcherry. Estimate
.. amounting to Rs 173 Sanctioned ——

Trichinopoly - Repair of the Talook Cutcherry of Torrioor at
.. Cannanore, Estimate of Rs 160 Sanctioned ——

Tinnevilly. Erection of addl. room in rear of Talook Cutcherries of
.. Vedoogramum & Bremadasum. Estimate of Rs 741-4-" Sanctioned .. 29 July 12, 13

21

Cutcherries, Courthouses, Public offices &c.

22 Bellary Talook Cutcherry. Substitution of stone in chunam for stone
.. in clay for the Walls, augmentation of 516-11 to Estimate Sanctd
.. in Feby 1850 authorised on the recommendation of the Bd of P.W. 1851 5 Augt 7-8
Guntoor. Sale of the Buildings occupied as Talook Cutcherries
.. at Guntoor & Narasaraowpett reported . . . .
.. Arrangements for hiring the present Guntoor Cutcherry & Preparation
.. of Estimates for new Buildings also reported . . . . 15 Do 7-8
Masulipatam. Construction of Coodoor Talook Cutcherry
.. Bill amounting to Rs 850-14-1 Sanctioned 9-10
Coimbatore. Construction of Police Tannah at Conoor; at estimated
.. cost of 50 Rs requested by Collector Sanctioned "Estimates" 15-16
Salem. Renewing the Pandal of Hoozoor Cutcherry, an Estimate
.. of Rs 87-6-" Sanctioned —— 19-20
Masulipatam. Repairs & additional Work to the Post-office
.. situated in the Compound of Ellore Talook Cutcherry. Rs 54-5
.. the Estimate Sanctioned —— .. 9 Septr 4
Guntoor. Construction of Talook Cutcherry at Roypully Bill Rs 1626-8-11
.. Construction of Do at Condaveed Bill Rs —— 1695-14-9
.. Enlarging Verandahs of Talook Cutcherries at Ponnoor & Coorapaud or Crossoor. Bill Rs —— 235-3-"
.. Improvemts of Hoozoor Treasury in 1849 Bill Rs 46-8-5
.. Repairs to Talook Cutcherry at Innacondah. Bill Rs 26-1-4
Sanctioned on the recommendation of Bd —— .. 28 Octr 3-4
Guntoor. Narsarowpett Talook Cutcherry. Disbursemt of monthly
.. Rent of 8 Rs till the erection of a new Building Sanctioned —— 5-6
Chingleput. Repair to T. Cutcherry Tirooporoor in 1849 - Bill Rs 216-12-"
.. Making Wooden stands for the recordroom to Talook Cutcherry at Conjevaram in 1849 - Bill Rs —— 99-11-"
.. Repair to T. Cutcherry at Ponnary in 1849. Bill Rs 49-8-"
.. .. .. Peshcar's Cutcherry at Cheyoor Do Bill Rs 28-2-"
.. .. .. Hoozoor Cutcherry at Conjevaram Do Bill Rs 107-10-"
Sanctioned on the recommendation of Bd of P.W. —— .. 7-8
Trichinopoly. Iron rails & other Improvemts to Huzoor Treasury during 49
.. Bill amounting to Rs 142-14-11 Sanctioned ——
.. Alteration of Naganadasamy Coil for Conaud Talook Cutcherry Do
.. Bill amounting to Rs 261-6-2 Sanctioned ——
.. Repair of Cutwal's & Police Choultries & Huzoor Cutcherry during 49
.. Bill Rs 238-14-7 - Sanctioned —— .. 4 Novr 3-4

22

Cutcherries, Courthouses, Public offices &ca.

Entry	Year	Date	Pages
Trichinopoly. Repair to Veleeoondapooram Talook Cutcherry in 1848			
.. Bill amounting to Rs 4-7-" Sanctioned	1851	4 Novr	3-4
Masulipatam. Repair of two Talook Cutcherries - Estimate amounting			
.. to Rs 139-2-8 Sanctioned.	..	18 Novr	5-6
Tanjore. Repair of Talook Cutcherries, Huzoor Cutcherry of Tranquebar			
.. & other Revs Buildings Estimates amounting to Rs 671-3-" & 796-2-4			
respectively Sanctioned	..	..	..
Malabar. Rebuilding the Salt Peshkar's Cutcherry at Ponany & construction			
.. of a well to be sunk near Talook Cutcherry & Court at Talaparamba			
.. Estimates amounting to Rs 195-6-" & 68-13- respectively Sanctioned		..	5-6
Nellore. Construction of Police & Salt Cutcherry at Bodilingumpaud in Tadah			
.. Bill amounting to Rs 1717-1-5 Sanctioned			
.. Construction of Talook Cutcherry at Goodoor in Sevnapully Talook			
Bill - Rs 2477-4-5 Sanctioned			
.. Repair of Ramiapatam Post office & Sea Custom-Cutcherry at			
Buddapoody Talook - Bill Rs 47-13-7. Sanctioned			
.. Repairing the Cutcherry of the Hd Police in Satachendaloo Talook			
Bill Rs 44-4-2 Sanctioned			
.. Repair to Ongole Talook Cutcherry - Bill Rs 82. Sanctioned	..	..	7-8
Guntoor. Erection of Talook Cutcherries at Guntoor & Narsarowpett			
.. Estimates amounting to Rs 2934-"-10 & 1874-7-" Sanctioned	..	25 Novr	4-5
Nellore. Construction of Nellore Talook Cutcherry - Estimate Rs 2400 Sand			
Malabar. Construction of Talook Cutcherry at Cootungul in Chowghaut			
.. Estimate amounting to Rs 1915-7-" Sanctioned	..	..	..
Canara. appropriation of present Custom house as Police Ameen's Cutchery			
.. proposed - Vide "Custom houses"	..	..	14-15
Guntoor Talook Cutcherry. disbursement of monthly rent of 10 Rupees			
.. for the building now occupied for it till the Erection of the new one sanctioned		23 Decr	16-17

Cutcherries Salt Vide "Salt Buildings" & "Cutcherries".

Cutwal's Choultries. Vide "Cutcherries".

24 **Dams**

Yennamakul Dam. Retention of it by the Cochin Circar

.. an Ex: from the letter of the Resident on the subject Comd by

.. Political Dept. forwarded to Bd of P W for report — 1851 22 July 9-10

24

Dead Houses

Construction of Dead House at Calicut, The application for it
.. submitted for the opinion of Medical Bd with a request for certain ..
.. information on the subject. The Bd also to given their opinion as to the
.. Attachment of the Building to the Dispensary to be constructed 1851 17 Jany 22, 23
.. The construction considered unnecessary by Govt on the opinion
.. given by the Medical Bd that it should be built outside the
.. Compound of the Jail Hospital & this opinion Comd to Bd of P.W. .. 25 Feby 15-16

Defences of Towns &ca Vide "Beach Defences".—

Donations, system of – Vide "Bridges" ——— 1851 16 Decr 1-2

Doveton Captain

Supply of Surveying instruments to Vide "Miscellaneous".—

Drains.

26 Under-drains on the Madura & Palamcotah Road reported on
.. with the opinion that they are of no use where the road runs
.. over low ground, & that Cross drains are necessary where the
.. Country is naturally flat. The Bd to give the Civil Engineers
.. of the other Divisions the benefit of Captain Horsley's Experience
.. in the use of Side-drains — 1851 18 Feby 11-12

Canara. Alteration of Drains on the Sirey & Dharwar Roads Vide Roads .. 25 March 19-20 &ca
.. Failure of Flat Drains on the Dharwar Road, accounted for.
Vide "Engineering officers" — .. 1 July 3-4

Cleansing Drains &ca Vide "Towns". —

Earth-Work.

Execution of on Roads at Expense of Meerassidars Vide Tanjore under the Hd of "Roads" } 1851 18 Novr 3-4

Elliot W. Esqre. Explanation of Vide "Bridges". —

P.M. 6587.
pp. 1-15
[illegible]

Engineering officers, overseers, Sappers &ca

Asst. overseer Parker. His appearance before the Medical Bd. for
.. the requisite Examination into his fitness for farther active Service
.. proposed by the Bd. The proposition approved & the Med. B instructed
.. accordingly —— 1851 7 Jany 1-2

Lieut. Forlong asst. superintt. of Roads, lengthened absence of in Salem
.. the Explanations given on the subject not satisfactory —— 7-8

Captain Lawford 15th N.I. Appointmt. to the charge of the
.. Aroopoocottah & Ettiapooram Road in Madura & Tinnevilly, on
.. the allow: provided in the Sanctioned Estimate recom.d by Bd. of P.W.
.. Application made to His Excellency thro' the Military Dpt. for it —— 17-18

officer in charge of Bellary & Humsagur roads, also to superintend
.. the small Road from Bellary to Mysore Frontier near Harrihal .. 17 Do. 7 to 9

Captain Best warned against trespasses on Private Property 24-25

2d Lieut. Winscom's, availableness for Employt. in Rajahmundry
.. intimated by Military Dpt. ——

Appointmt. of 2d asst. Civil Engineer, at once proposed should the
.. Bd. of P.W. desire it —— 26-27

Captain Campell to Continue in the Superintendence of the Road from
.. Berhampore to Bengal Frontier & from Itchapore to Berhampore .. 24 Do. 14-15

Appointmt. of 2d officer of Engineers to the subdivision, The Bd.
.. of P.W. state their opinion on the necessity of it ——

Continuance of Lieut. Moberly in temporary charge of the Sub-division
.. permitted according to the request of the Bd. of P.W. —— 18-19

Ensign E. H. A. Lawford of 15th Regt. N.I. Appointed to the
.. charge of the Aroopoocotah & Ettiapooram Road in Madura
.. & Tinnevilly on an Extract Min: Con: in the Military Dept. —— .. 31 Do. 5-6

5th Dn. Asst. overseer Parker Permanent disqualification for
.. active service, having been reported by Medical Bd. he replaced
.. at the disposal of His Excellency — Delay in reporting his illness
.. remarked & the Medical Bd. to suggest an arrangemt. to prevent it
.. in future in similar Cases — His place not to be supplied. Variance
.. of Dr. Scott's Certificates with Medl. Bd.'s opinion, to be explained —— 17-18

27

Engineering officers, overseers, Sappers, &c.

28 Serjt. O'Hara. Employt. as temporary asst. Surveyor on the Shevaroy
.. Hills authorised & the Bd. to report when the survey will be Completed
Surveyor Boyne. Discharge from the Service ordered —— 1851 31 Jany 34-35
Lieut. A.S. Moberly. Services of in Ganjam, the necessity of it
.. reported by Bd. to have been already intimated to Govt. 36-37
Superintending Engineer, Irregularity in Proceedings of, noticed
.. by Govt. Vide Cutcherries &c. —— .. 11 Feby 3-4
Captain Lawford, His explanations in Newspapers in refutation
.. of certain statements regarding the Coleroon Bridge, disapproved
.. & he directed to refrain for the future from offering explanations
.. respecting his duties to any one but his official superiors —— .. 18 March 3
Employmt. of the Extra Company of Sappers at Mercara in certain
.. Artificer's Work on the Perambady Ghaut, recomd. His Excellency
.. requested to Comply with the application of Lieut. Francis on
.. the subject if there exists no urgent objection to it —— 4-5
Temporary reduction of the strength of Sappers at Dowlaiswaram
.. by the withdrawal of 15 of them to Orissa agency till the addl.
.. number of 15 men detached from Hd. Quarters Coul'd arrive, requested
.. in a Min: of Con: in the Military Departmt. The Bd. of P.W.
.. to state whether it will impede the work at Dowlaishweram 27-28
Viziagnagrum Zey. Superintendence of a Bridge over the Bimlipatam River
.. to be left to Asst. Civil Engineer in charge of Vizagapatam & Ganjam
.. Districts Vide Roads —— 33-34
5th Dn. Asst. overseer Parker. Medical Certificate granted to him
.. by Doctor Scott. His Explanations on the Subject recorded —— 35-36
.. Protracted illness of Asst. overseer Parker, the delay in not
.. bringing it to notice explained by Bd. of P.W.
Reporting to Govt. of the Continued illness of overseers beyond 6 months
.. The proposition of the Bd. on the subject approved by Govt. 37-38
Requisition for the Services of Lieut. Wyld, & a Party of Sappers for
.. opening Communications within the limits of the Orissa agency, the
.. Correspondence in the Political Dept. from Govt. of India on the
.. subject comd. to Bd. of P.W. ——
Temporary Employt. of an Engineering officer to inspect & report on
.. certain proposed Lines of Roads in Ganjam also directed by
.. Govt. Vide Roads —— .. 25 March 1&3
Corporal Freeman, His unfitness for Employt. on Road Dept. reported
.. by Superintt. His return to Military Dept. ordered & H.E. requested to order
.. another Sapper to supply his place —— 10-11

28

6 leaves from 7 R

Engineering officers, overseers, Sappers &ca

Employt. of a Party of Sappers & Miners on Perambady Ghaut, an .. Ex: Min: Con: in Military Dept. issuing orders for it, & animadverting on the irregular & non-military manner of the .. application made by Major Cotton & Captain Francis .. Comd. to Bd. of P W	1851	8 april	7-8
Employt. of the Hd. Quarters of the 7th Company of Sappers & Miners .. on Perambady Ghaut under Lieut. Francis, an Ex: Min: Con: .. in Military Dept. stating there is no objection to it Comd. to Bd. of P W ..		..	13-14
Temporary reduction of the strength of Sappers at Dowlaisweram .. by the removal of 15 of them, reported by the Bd., will not .. cause much inconvenience - Comd. to the Military Departmt. ..		29 Do.	3-4
Availableness of 5 Non-Commissioned officers for Employt. .. in P W & Road Departmts. intimated in Adj: Gel's letter Comd. .. in Military Dept. Comd. to Superintt. of Roads & Bd. of P W		..	17-18
Q Mr. Corporal Gilbanks placed under Major Cotton Vide Potash ..		6 May	1-2
Surveyor Boyne, Discharge from the Service, the orders of the 31st .. January last on the subject to be acted on as Govt. see no grounds .. for their modification as proposed by the Bd.	"	..	8-9
Employt. of Superintt. of Roads & his asstt. noticed Vide Roads ..		13 Do.	8-9
Captain Lawford - his regret at having furnished information .. to News-papers on the Coleroon Bridge reported ..		..	25-26
Asst. overseer Arnold no objection to his being made asst. Supervisor .. & put in temporary charge of Trunk Road N 6 between .. Madras & Goomdipoondy, but Lieut. Chancery to be .. transferred to Northern Road after the Completion of the Wallair .. Road & the work at the Hussanoor Ghaut		20 Do.	21-22
Employt. of 5 Non-Commissioned officers .. nomination of Quar. Mr. Serjt. Bush, 2d Corporal Bevan, " Sage } to the P W. Dept. & of 2d Corporal Goodehap, " J. E. Hopkins } to the Road Dept. requested by Bd. of P W. Comd. to Military Dept. .. Posting of the first 3 to Divisions after their nomination to the Dept. .. & Employt. of Serjt. Bush at the Presidency temporarily also approd. ..		27 Do.	7-8
Distinction of 1st & 2d Asst. to Superintt. of Road removed			
Lieuts. Forlong & Captn. Heathorn placed on a par in respect to pay & rank Vide allow.		3 June	11-12

29

30 Engineering officers, overseers, Sappers &c.

Detaching officers for furnishing reports on roads in vicinity of the
.. Road from Kurnool to Sooriapett proposed &c. Vide Roads 1851 3 June 21-22 &c.
Lieut. Thornton, Services of placed at the disposal of His Excellency
.. on a Communication from Bd. on the subject .. 13 Do. 11-12
Lieut. Scott, appointment as Asst. Civil Engineer, proposed by
.. the Right Ho: the President on a report (submitted in Military Dept.)
.. of his Qualifications for Employt. in D.P.W. & Comd. to Military Dept.
.. for being notified in Gl: orders .. .. 13 to 15
Appointment of 2nd Lieut. G. Dennison & J. J. Fischer to be 2nd
.. Asst. Civil Engineers proposed by the Right Hoble. the President
.. to be Communicated to Military Dept. for being notified in a G.O. .. 17 Do. 7 to 9
Nomination of an overseer for the Road between Itchapore & Ganjam
Captn. Campbell, Replacement at disposal of His Ex: & application
.. for leave of absence Vide Roads .. 24 Do. 3-4
Lieut. James, Referrence to his errors after his death disapproved
Late Civil Engr. Canara, ought to have been made responsible for
.. having allowed the use of defective materials. Vide "Drains" .. 1 July 3-4
Lieut. Steel. Failure of Works recommended by & Censures
.. passed on him noticed, & the report of the Bd. of P.W. requested
.. as to the desirableness of his Continuance in charge of a
.. District or in a more subordinate position Vide "Bridges" & "Jails" .. .. 9 to 11
Boards Rep. see Rev. Cns 28 Oc. 51 - 17.18
Departure from the limit of Engineering officers &c. "Allow" .. 11 July 11-12 &c.
Lieut. Steel. His return of the Progress of Important Works in Guntoor not satisfactory .. 22 Do. 5-6
Road from Poonamallee to Cuddapah, Employt. of 1 officer with
.. sufficient Number of overseers, than of 2 officers upon "Roads .. 29 July 1 to 7
Organization of the overseer Department Vide Allowances .. 15 Augt. 1-2
4th Dn. H. G. Cahill Asst. overseer, Present of 100 Rs. to Vide Bridges .. 2 Septr. 9-10
1st Dn. Lieut. Steel. Examination in Teloogoo. Lieut. Steel to be an-
.. nounced in the official Gazette as having passed it on the 20th July
.. 1850 to the extent required by the orders of 11 May 1847 N 565
.. Vide Civil & Military officers .. 16 Do. 7 to 12
Corporal Bywater N 129, availableness for Employmt. in D.P.W.
.. an Ex: Min: Con: in the Military Dept. on the subject Comd. to Bd. of P.W. 17-18
8th Dn. Madura, & Tinnevilly. Addition of a 3d officer & 7 Asst. overseers
.. to present Establishmt. or Employt. of Carnatic ordnance artificers "Roads 14 Octr. 1 to 3

30

Engineering officers, overseers, Sappers, &ca

Corporal Bywater, appointmt. as asst. overseer to 8th Dn recommended
.. by Bd. of P.W. The Bd. to state whether any vacancy has occurred
.. among the overseers already employed under their orders or Superintt.
.. as if not Govt. would wish to avoid augmenting the number of Sappers
.. till a reply is received to the application made to Govt. of India
.. on the 14th June last —— 1851 14 octr. 4-5

Brevet Captn. Charles Cornwallis Johnston of the Engineers. —
.. appointmt. as superintt. of Roads, recorded on the President's minute .. " .. 12.13

Captain Heathorn & Lieut. Forlong, desired to carry on the duties
.. assigned to them respectively by the late Superintt. until Captn. Johnston
.. assumes charge of his office as his Successor —— .. .. 14 to 16

Lieut. Wilkieson. Temporary attachmt. to 3d Dn to superintend the
.. whole of the Canara Portion of the Munzerabad Ghaut & Road
.. & the Cuddumbella Holla & other Bridges authorised ——

Lieut. Thornton. Re-employt. on two roads in North Canara, will be
.. taken into consideration when the estimates for them are submitted

Lieut. Searle, ability to return to Devamany Ghaut at the Expiration of
.. his leave, to be ascertained & reported by Bd. of P.W. ——

Lieut. Walker Permission to return to Canara from Bellary reported .. 21 Do. 3-4

Captain Boswell. resignation of his appointmt. as superintendent of
.. Trunk Cotton Road from the date of being relieved permitted ——
.. Appointt. of a Successor for him will be made. Comd. to Military Dpt. 12.13

Captn. C. C. Johnston. Taking charge of the office of the late Superintt.
.. of Roads reported —— 16-17

Corporal Bywater. Appointmt. as asst. overseer vice Cahill deceased
.. made at the request of Bd. of P.W. & Comd. to Military Dpt. —— .. 28 Do. 11-12

Lieut. Thornton. recommendation for his re-employmt. in conse-
.. quence of his having passed in Canarese recorded —— .. 11 Novr. 11-12

Lieut. Searle. ability & intention to return to his Duty reported 17-18

Unavailableness of Sappers & Miners for employt. on Cotton Roads in
.. Tinnevelly. intimated in a Min: Con: in Military Departmt.

Seven men from the Carnatic ordnance artificers, employmt. as
.. asst. overseers on Cotton Roads in Madura & Tinnevelly, to be
.. directed by Military Bd. their salaries being determined in com-
.. munication with the Bd. of Rev: & defrayed from surplus Pagoda funds 19-20

Lieut. Forlong asst. superintt. of Roads. Censure - Vide Roads —— .. 25 Novr. 10-11

Engineering officers, overseers, Sappers &ca

32. Lieut. Thornton. Employmt. on certain roads in 6 Dn. — Vide Roads — 1851 2 Decr. 5 to 7

Lieut. Wilkieson asst. Civil Engineer. Commendation } Vide
Reid asst. overseer. Commendation & donation } Bridges .. 16 Do 1–2

5th Dn. Appointmt. of an asst. in lieu of Lt. Wilkieson on the Darampoory
.. Road Trace requested by Bd. The Military Dept. to state if the services of
.. any of the officers now at Mercara are ——— likely to be soon available 7–8

7th Division. Further arrangments for charge of during Major Cotton's absence
.. the necessity of them represented by Bd. of P.W. The P.W. Commission
.. to state what Progress has been made in their Enquiries, & when
.. Major Cotton will be able to resume charge of the Dn —— .. 23 Do 22, 23

Haspin asst. overseer. removal from Road Dept. Sanctioned
.. Comd. to Military Dept. in view to another Non-Commissioned
.. officer being sent in his place —— 43–44

Engineer's Reports of Bombay & Madras Presidencies Vide "Miscellaneous" —

E 2

Establishments

Masulipatam. Charges of Establishmt. employed at Petta Canal Vide
.. "Ferry Boats & Navigation Canals" —— 1851 4 March 6-7 &co.
Canara. Revision of Murrummut Establishmts. involving an in
.. creased Expense of Rs. 96-8- per Mensem sanctioned by Govt. of India
.. Comd. to Bd. of Rev: account. & audit —— .. 16-17
Coimbatore. Traveller's Banglow at Walliaur, Entertainment of a
.. Sweeper at 2 Rs. per Mensem sanctioned by Govt. of India - Comd.
.. to Bd. of P.W. account, & audit —— 20-21
Canara. Entertainmt. of Extra Murrummut Establishmt. for F1260
.. recomd. by Bd. But the sanction of Govt. of India for the revised Establisht.
.. having been obtained, Govt. think that no sanction for the Continuation
.. of the Establishmt. is necessary; but however to avoid objection to the
.. charge on the part of the Civil auditor, authorise it to the date on which
.. the sanction for the permanent Establisht. was Comd. to Bd. —— .. 25 Do. 16-17
Kurnool - Charges for 1848 on account of Murrumt. Establisht.
.. Rs. 1296 submitted for sanction - Govt. observe that the sanction
.. Conveyed in Ex: Min: Con of 10 Septr 1842 is sufficient authority
.. to Civil auditor to admit the charge incurred in 1848 & in subse:
.. quent years —— .. 29 April 7-8
Madras - Establishmt. of the Public Works Committee - Entertainmt.
.. of 2 Peons at 6 Rs. each & a Hd. Peon & Mochee at 7 Rs. each per Do
.. Increase of salary of Writer Kistna Row from 15 to 25 Rs. Do
.. sanctioned according to the request of Committee —— .. 6 May 16-17
Malabar. Murrummut Sibbendy for 1848 - Rs. 1050 sanctd. "Buildings" .. 27 Do. 5-6
Masulipatam. Establishmt. on the Petta Canal Vide "Ferries" —— .. 1 July 1-2
Trichinopoly. Alagherry Rajoo Huzoor Jemadar. Arrears of Pay
.. withheld during his suspension, on the recomd. of Bd. half the
.. salary of his situation authorised to be passed to him —— .. 29 Do. 8-9
Cuddapah. Sibbendy charges during 1849 Rs. 3136-4-8 as per Bill
.. from Bd. sanctioned - Vide Works of Irrigation —— .. 5 Augt. 3-4
Bd. of P.W. & Collectorates. Entertainmt. of Extra Establishmt. to prepare
.. Returns of Certain Works required by ~~House of Commons~~ "Public Works" .. 14 Octr. 8-9 &co.
Establishmt. of the late Superintendant of Roads, It's despatch to Vellore
.. by the officer Commanding Chittore reported —— 10-11

Estimates			
submission of direct by collectors instead of thro' Bd P.W. noticed to be —			
,, irregular. Vide Cutcherries & Chuttrums & Choultries	1851	15 Augt	15-16
ordinary – Practice of sending &c.a } Vide "Public Works". —			
occasional – Unexpended Balances of }			
Family Allowances.			
To Corporal & Serjeant asst. overseers. Vide "Allowances"	1851	16 Decr	13-14

Ferry Boats, Navigation Canals, Rivers &ca

Rajahmundry. Repair of Ferry Boats in 1848. Bill of Expenditure
.. amounting to Rs 484-15-3 Sanctioned —————— 1851. 17 Jany 12, 13

Masulipatam. Petta Canal. Charges of Establishmt. employd. at Lockgates.
.. in July 1256 Rs 168 recommended by Bd. for Sanction. but before
.. Sanctioning it, Govt. wish to be informed of certain particulars regar
.. ding the Establishmt. Practice of defraying the Expenses of the
.. Canal from Toll Collections objected to. The Collections to be cre
.. dited in full in the Accounts & all charges relating to the Canal
.. to be brought distinctly to view —————— .. 4 March 6-7

Tanjore. Repair, Paymt. of Crew, & preservation of 2 Ferry Boats for the
.. passage of the Coleroon on Trunk Road No. 9, an annual disburse
.. ment of Rs 300-8-" for it requested by Superintt. of Roads Sanctioned .. 1 April 3-4

Tanjore. Construction of 2 Ferry Boats for the passage of the Coleroon
.. near the Lower annicut. Bill for Rs 1010-8-2 Sanctioned .. 8 Do. 9-10

Salem. Bill for Construction of a Ferry Boat in 1849 for the Cauvery
.. at Moghanoor Rs 459-15- submitted by the Bd. for Sanction —
.. Cause of the Failure of the Boat to be accounted for - & the
.. Bd. to state to whom responsibility specially attaches —— .. 29 Do. 5-6

Tanjore. Charge for a Crew for the Coleroon Ferry Vide Roads —— 19-20

Rajahmundry. Construction of a Wall along the left bank of the Godavery
.. in 1840-43. The charge of Rs 28-7-10 Sanctd. on Explanation Vide P.W. .. 20 May 8-9

Malabar. Excess Expenditure over Estimate for the Lock-gates to the
.. Pyollee Canal to be explained & pending the Explanation required
.. the Bill Rs 767-8-11 not Sanctioned Vide Buildings .. .. 27 Do 3-4

Madras. Disbursemt. for improvt. of Cochrane's Canal in 1848 "Pub: Works" .. 13 June 9-10
.. Statemt. of Expenses incurred in repairing Cochrane's Canal
.. during 1848 amounting to Rs 104-10-" from Bd. of P.W. Sanctioned .. 17 Do 5-6
.. Charge of the Establishmt. for Petta Canal, information
on the Subject supplied by Bd. ~~with~~ Soliciting Sanction for the Charge
before submitted Rs 168 & those incurred from June 1847. Govt. require
a Statemt. shewing the particulars of the Charge "to the period of the
new arrangemt." also; the Collections, disbursements, & Reve: derived
from the Canal Toll & the Number of Boats & their Tonnage annually
making use of the Canal —————— .. 1 July 1-2

Ferry Boats, Navigation Canals, Rivers &c.

36 Canara. Three Ferry Boats of Tanjore pattern for trial on Canara rivers
.. instead of 7 recomd by Colr Sanctioned at an Expense of 150 Rs — 1851 15 July 1-2
Salem. Ferry-Boat for the use of Moganoor Ferry, at estimated Cost of Rs
.. 725-13-" Sanctd an further explanation regarding the former boat Called for by Bd .. 29 Do 14-15
Trichinopoly. a New Ferry Boat for the Coleroon at Tirmulnady. Estimate of Rs
.. 372-recomd. The Bd to state whether any Establishmt is maintained by Govt
.. for it, whether any charge for Passengers crossing is made, whether the Ferry has
.. been hitherto repaired by Govt & whether it is required for the Service of Govt .. 26 Augt 3-4
Malabar. Excess Expenditure in Construction of Pyallee Canal Lockgates
.. Rs 767-8-11 Sanctioned on Explanation — .. 2 Septr 5-6
Tanjore. Repair of Ferry Boats. Expenditure. Rs 704-7-" Sanctioned .. Do 7-8
Chingleput. Repair of 6 Ferry Boats on different Salt rivers, during 1849.
.. Bill Rs 159-4-" Sanctioned — .. 28 Octor 7-8
Canara. Monsoon repair to Ferry Tungars & Boats in 1849 - Bill Rs 118-15-10
.. .. .. of sheds over Do Do Do Bill Rs 71-15-3
.. Building Tungars for the Netravathy, Deviagy, & Bolloor Ferries — } Bill Rs 189-11-"
.. Sanctioned on the recommendation of Bd — .. 4 Novr 1-2
Trichinopoly. Repair to 2 Ferries over Cauvery & Coleroon during Do Bill Rs 228-14-11 Sanctd 5-6
Salem. Failure of Moghanoor Ferry Boat, Collector's explanation of the share the
.. Tahsildar had not satisfactory — the Collr to state if he meant that the Tahsildar did not superintend
.. the work, & if so to report who did — 11-12
Vizagapatam. Two Tapal dinghies & a new Ferry Boat for Vizagapatam River
.. Estimates Rs 141-8-" & Rs 945-2-2- Sanctioned — .. 25 Do 12, 13
Trichinopoly. A new Ferry Boat for the Coleroon at Tirmulnady. Estimate of
.. Rs 372 Sanctioned on the further Explanation of Colr — .. 23 Decr 5-6

Foord's Manual - Vide "Miscellaneous" -
Forlong Lieut. Censure Vide "Roads" & "Engineering officers" -
Four Lac Fund
Expenditure from for improvt of a Road from Poonamallee to Cuddapa "Roads" 1851 29 July [illegible]

Furniture - Vide "Miscellaneous" -
Government-house Cuddalore. Erection of Banglows to Vide "Buildings". -
Groins - Vide "Beach-defences". -
Guntoor Red Tank - Vide "Traveller's Banglows". -
Hidden Treasure - Vide "Treasure". -
Houses occupied by Sibbendies - Vide "Buildings". -
House-Rent - Vide "Office rent" & "Cutcheries". -
Indents
For articles required by P.W. Commissioners passed by Military Bd approved 1851 3 June 9-10

Jails.

Guntoor. Construction of a Masonry-Wall to Jail, Vide Lt. Steel
.. under the Head of "Civil Engineers" —— 1851 1 July 9 to 11

Coimbatore. Repair of the old Jail at Ootacamund. Estimate
.. amounting to Rs. 79-12-" Sanctioned —— .. 18 Novr. 5-6

Guntoor. Repair of Jail, Jailor's House, & Jail Wall. Bills amounting
.. to Rs. 2853-15-", 43-7-2, & 618-14-6 respectively Sanctioned —
.. Sacrifice of Public Money on the Jail Wall remarked upon —— .. 2 Decr. 3-4

Guntoor. Erection of a Wall 12 feet high around the Guntoor Jail
.. a sum of Rs. 1456 authorised to be placed at the disposal of
.. Mr Rhode the Session Judge for the purpose —— .. 16 Decr. 17-18

Jailor's Houses - Vide "Jails". —

Leave of absence Vide "Allowances".—

Lock-gates— Vide "Ferry Boats &c."—

Major Kennedy's Pamphlet on Roads-making Vide "Roads".—

Mathematical Instruments, accounting for Vide "Public Works".—

38

Military Buildings

Madura. Construction of Sepoy Lines during 1848. Bill amounting to ... Rs 6090 submitted by Bd Sanctioned — The charge to be debited .. to Military Dpt & the lines to be transferred to Military Books ——	1851	11 Feby	5-6
Mercara. Improvemts to artillery Barracks at Mercara. charges .. Rs 226-5-6 Sanctioned in the Military Dpt on an explanation .. of the Delay in submitting the Bill Vide Public Works	..	18 March	31-32

Military Officers

Detachmts of officers, generally of those in Qr. Mr. Genl's Department to .. inspect & report on Roads at the requisition of His Excellency, approved ... by Govt in a Min: Con: in Military Dpt ——	1851	24 June	12.13

40

Municipal Improvements Vide "Towns".—

40 VM

Miscellaneous

Quarterly Progress Report of Important Works for 3d Quarter of 1850
.. recorded ——— 1851 7 Jany 15-16

Copies of Despatches to Ho: Court forwarded by the Mail of the Current
.. Month to Govt. of India ——— .. 17 Do 28

Broken set Proceedings of Govt. for March & April 1850 with Indexes
.. to India House ——— .. 24 Do .13

Monthly statemt. of Estimates for works under 50 Rs. Sanctioned by Bd.
.. in North Arcot during Decr. 1850 Rs. 85-10-6 recorded ——— .. 31 Do 30-31

Contingent Bill in Dept. of Buildings & Repairs during 3d Quarter
.. of 1850 passed by the Military Bd. recorded ——— 32.33

Abstract Statemt. of Emergt. Works for Septr & Octo. 1850 recorded .. 11 Feby 9-10

Monthly statemt. of Estimates for works under 50 Rs. Sanctioned by Bd.
.. in February 1851 recorded ——— .. 18 March 29-30

Captain Doveton of 36th N.I. supply of a case of surveying instruments
.. & large Parallel ruler from the stores of the P.W. Department autho-
.. rised on payment ——— .. 8 April 1-2

Abstract Statemt. of Emergt. Works for Novr. & Decr. 1850 recorded .. 15 Do 14-15

Copies of Despatches to Ho: Court forwarded by the Mail of the Current Month
.. to Government of India ——— .. 29 Do 23

Broken set Pro: of Govt. for May & June 1850 with Indexes to India House .. 20 May 3

Statemt. of unanswered references & letters for 1st Quarter 1851 recorded 12.13

Reports of the Proceedings of the Dept. of P.W. Bombay, of the 10 copies
.. received from Bombay 1 to Superintt. of Roads 3 to Bd. of P.W. 1 to
.. Military Bd. 1 to Chief Engineer 1 to Govt. & 3 for office use —
.. Bombay Govt. requested to furnish 8 addl. copies for distribution
.. to each of the Civil Engineers of this Presidency — The Bd. to state
.. whether similar reports could be prepared for works under the Civil
.. Engineers of this Presidency ——— .. .. 14 to 16

Abstract statement of Emergt. Works for January & February 1851 recorded .. 19-20

Dept. of Buildings & repairs. Judl. Dept. Register of Bills passed for work executed from Military Bd. recorded } .. 27 Do 11-12
.. Rev Dept. Do Do Do .. 13-14

Quarterly Progress Reports of important works to Decr. 50, recorded —
.. early transmission of by Collectors directed by Bd. ——— .. 3 June 19-20

Monthly statemt. of Estimates for works under 50 Rs. Sanct. by Bd. for May 51 recorded 24 Do 9-10

Miscellaneous.

42 Copies of Despatches to Ho: Court forwarded by the Mail of the Current
.. Month to Government of India —— 1851 24 June 11
Copies of Bombay Engineer's Report for 1848/49, 8 Copies from
.. Bombay Govt. to Bd. of P.W. for distribution to Civil Engrs. —— .. 1 July 7-8
Abstract Statement of Emergt. Works for March 1851 recorded —— .. 11 Do. 20-21
Preparation of Engineer's Report for Madras similar to those in Bombay
.. The Bd. of Revenue informed that a return shewing the amount
.. of Maramut Expenditure & Superintendence in each District
.. will be sufficient for the purposes of Govt. —— 24-25
Progress Reports of Important Works for 1st Quarter 1851 - submitted
.. by Bd. - the report from Guntoor not satisfactory —— .. 22 July 5-6
Copies of Despatches to Ho: Court forwarded by the Mail of the
.. Current Month to Govt. of India —— 11
Broken set Pro: of Govt. for July & Augt. 1850 with Indexes to India House .. 5 Augt. 10
Statement of Unanswered References for 2d Quarter 51 from Bd. recorded .. 13-14
Abstract Statement of Emergt. Works for April 1851 - recorded —— 15-16
.. .. .. for May 1851. recorded —— .. 19 Do. 3-4
Con: charges under 20 Rs. incurred on account of P.W. during 1850, a Compara-
.. tive Statement from Bd. recorded —— .. 2 Septr. 11-12
Broken set Pro: of Govt. for Septr. & October 1850 with Indexes to
.. India House —— .. 9 Do. 1
Quarterly Progress Reports of large & Important Works for 2d Quarter
.. 1851 - with an Explanation of the Cause of the little work performed
.. to the Toongabadra Channel during the 1st Quarter recorded —— .. 16 Do. 15-16
Copies of Despatches to Ho: Court forwarded by the Mail of the
.. Current Month to Govt. of India —— .. 7 Octor. 1
Monthly Statements of Estimates for Works under 50 Rs. Sanctd. by Bd.
.. Discontinuance of their Submission to Govt. by Bd. directed by Govt.
.. on their sending the Statemt. for September 1851 —— .. 21 Do. 14-15
Public Works Commission. Con: charges for work done at Government
.. Printing Press for Bill amounting to Rs. 25-4- " Sanctioned —— 18-19
N.W.P. N 1 & 2 of the "Papers prepared for the use of the Civil Engineering
Miscellaneous: College Roorkee" - The Govt. of N.W.P. thanked for 10 Copies & requested
.. to furnish 8 addl. Copies of the Work —— 1851 23 Augt. 2/72
.. Impossibility to furnish 8 addl. Copies reported by Govt. of N.W.P. —— .. 28 Octr. 13-14
Proceedings of Govt. Broken set for Novr. & Decer. 1850, with Indexes to India House 17
Annual Index to Pro: of Govt. 1849 to India House —— 18
Despatches to Honorable Court Copies of them forwarded by the Mail of
.. the Current Month to Govt. of India —— 7
Abstract Statement of Emergent Works, for July 1851 recorded .. 11 Novr. 5-6
Statement of unanswered References & Letters for 3d Quarter 1851 from Bd. .. 7-8
Copies of Despatches to Ho: Court, forwarded by the Mail of Current Month to Govt. of India 23 Decer. 9

42

Miscellaneous.

43

Lieut. Foord's manual on Estimating &c. for Public Works.
.. Purchase of 50 Copies of the work requested by Bd. of P.W. Sanctioned
.. at a cost of Rs 62½. Five Copies to be furnished to Govt. office.
.. The Bd. to intimate to Collectors that a copy of the work should be
.. in the hand of every officer in Provinces employd. in Rev: Dpt. — 1851 11 Novr. 9-10
Abstract statements of Emergt. Works for augt. 1851 from Bd. recorded .. 2 Decr. 12.13
Public Works Commission. Con: charges for work done at Govt. Press for
.. Bill Rs 29-10-8 Sanctioned — Similar Bills to be in future Coun-
.. tersigned by a Member of the Commission & forwarded for Sanction 14-15
.. Con: charges for work done at Govt. Press in Novr. 1851 Bill for
.. Rs 35 Sanctioned .. 16 Decr. 15-16
Dept. of Superintt. of Roads. Charges on account of Furniture
.. incurred by the late Superintt. Rs 297-2-9 Sanctioned, & an
.. Estimate for office Furniture. Rs 55 also Sanctioned — 25-26
Pro: of Govt. Broken set. from Jany. to March 1851 to India House — 28
Statement of Progress Reports of important P.W. for 3d. Quarter 1851
.. from Bd. Recorded .. 23 D. 41-42
"Reports from Civil Engineers on more important Works executed" or
"Selections from Reports by Civil Engr. Dpt. of Madras for 1848 & 1849"
.. submitted by Bd. orders for their distribution issued —
.. only important Works to be selected for the future. & the
.. Report for 1850 to be expedited .. .. 47 to 50
Copy of Further Despatch to Honorable Court forwarded by the mail
.. of the Current month to Govt. of India 51

Municipal Improvements Vide Page 40 —

43

Naganadasamy Coil
Alteration of the Buildings Vide "Cutcherries &c".—

Office Furniture. Vide "Miscellaneous".—

Officers Military Vide "Military officers".—
" Civil & Military – Examination of Vide "Civil & Military officers".—

Office Rent - Vide also "Cutcherries" &c". —
Renting General Ghent's House adjoining the Bd of Rev: by the Public W. Comttee
.. for their office at a rent not exceeding 35 Rs. Sanctioned — 1851 29 april 15-16
- Further Instances of office rent. For these Vide "Cutcherries" &c

Overseers. Continued illness of Vide "Engineering officers". —

Pagoda Funds. & Chuttrum Funds &ca

Trichinopoly. Appropriation of the Balance of in construction of a
.. Bridge over the Vycoondum channel & in improving the different
.. approaches to the town sanctioned by Bd. approved by Govt. —— 1851 18 March 6-7

Comibatore. Appropriation of Surplus Donastanum Funds of Rs 9001-
.. for seven Public Chuttrums of Rs 10110 for repair of District Roads
.. & of Rs 4088 for construction of wells sanctioned by Bd. of PW approved .. 8 April 3-4

Nellore. Building 2 Choultries by surplus Pagoda Funds on the
.. New line of Road between Kolajatloo & Dorwala Pass approved .. 13 May 2, 3

Allow: for superintendence of works Executed from Vide allow
.. for the Course to be observed in future in regard to them —— .. 3 June 17-18

Coimbatore. Disbursement from surplus Chuttrum Funds of
.. Rs 39423 for repairing Cross Roads, planting Topes, & building
.. 3 Chuttrums. Sanctioned Vide "Roads" - "Topes" & Chuttrums" —— .. 1 July 12, 13

Madura. Appropriation of the Pagoda Funds of the District & of the
.. Shevagunga Zemindary for the improvt. of the Madura Town " Towns" —— .. 16 Septr 1-2

Tanjore, appropriation of Surplus P. Funds for a Bridge - "Bridges" .. 7 Octor 4-5

Tinnevelly. Disbursement for Cotton Road Work of 17961 Rs from " Roads .. 14 Do 1 to 3

Tanjore. appropriation of Rs 10766 out of the surplus P. Funds for masonry
.. Works on the Road from Titrapoondy to Negapatam. "Roads" .. 18 Novr 3-4

Canara. Expenditure on Experiments for boring Water at Tuticorin
.. Rs 1484-10-5 sanctioned Vide Boring apparatus —— .. 16 Decr 3-4

Parker, asst. overseer. Vide "Engineering officers &ca". ——

Petitions.

Petn N 2422 of 1849 of C Sabhapady Moodelliar reported on .. by Bd. Petr informed by Endorsement that he has received .. Compensation for the alleged injury done to his Property vide .. Engineering officers	1851	17 Jany	24-25
Petn N 1900 of 1851 of Coondookar khader &ca of Salem complaining of the intended .. Demolition of their houses for converting their sites into a .. new line of Road thro' the town of Vaniembady. reported .. on by Superintt of Roads — The Collector of Salem to adjust .. the claims to Compensation of Parties who may suffer loss .. by the opening of the new Line — Petitioners informed by .. Endorsement that they should seek redress from the Collector .. if injured in their persons or Property	..	15 April	5-6
Petn 1894 of 1850 of Balajerow Zemindar of Combanellore in Salem .. praying for Exemption from Payt of tax on his private Convey= .. ances reported on by Colr. Govt are surprised that the .. Public Servants should have been exempted — require these .. & European officers to pay the tax. Petr informed that he .. can not be exempted	..	..	7&9

48 Police Tanaks – Vide "Cutcherries". —

Post-office Vide "Cutcherries". —

48

Potash.

7th Dn. Experiments in Combustion of Forest-trees for recovery of
.. proposed by Major Cotton & 500 Rs applied for for it. on the Bd's suggestion
.. the Professor of Chemistry to give his opinion on the proposition 1851 24 Jany 20-21
.. The letter of the Professor of Chemistry to Bd of Rev: The Experiment
.. not to be undertaken until Major Cotton rejoins the Dn. 500 Rs also
.. placed at his disposal - Vide "Engineering officers &c" - .. 6 May 1-2

Public Books - Bringing them on Vide "Public Works". -

Public Works.

50 System of "drawing Bills" for Money for execution of Works. the Bd of
.. P W report that there is no particular system. Comd to Military Dept 1851 31 Jany 9-10

General Working of the Department of Public Works

.. Paucity of Estimates made by Collectors comparatively with Civil Engineer's Establishmts for work of irrigation, The explanations of the Bd on the objections of Govt regarding it noticed —— 1 & 2

.. The Genl Working of the Dpt bad, & the animadversions of Govt on the Pro: of the Depts & the instructions frequently issued by Govt for their Guidance referred to —— 3

.. Excess Expenditure on the Estimate in the Construction of the Nundymungalum oopenaur Bridge, & the Establishmt of a Rule by Govt for the inspection of important Works by an European Asst once a Fortnight referred to —— 4

.. Refusal of Govt to Sanction Works of irrigation in Guntoor till informed of the Certainty of the Increase of Revenue, and the prohibition of officers in temporary charge of Districts from submitting recommendations of permanent nature, referred to —— 5

.. Similar refusal of Govt to Sanction repairs to Irrigation-Works in Narsd till furnished with similar information referred to —— 6

.. Non-Commencemt of important Works in the absence of Civil Engr if his locum tenens condemned its progress - The orders passed by Govt for it with reference to the failure of Yennamaikal Dam referred to 7

.. Submitting insufficient & then supplemental Estimates, observed by Govt to have been depricated, and the instances of the refusal of Govt to Sanction works for want of sufficient superintendence also referred to —— 8

.. orders of Govt requiring Quarterly Progress reports of important Works also referred to by Govt —— 9

.. Impossibility of fixing responsibility upon any officer for due execution of Works, & Insufficient data laid before the Bd, observed to be the main Defect of the Department —— 10 & 11

.. Securing most ample & Trustworthy Data before works are submitted to Govt considered necessary —— 12

.. The following Genl Revision of the Rules, advised by Govt until the thorough reform of the Depts is authorised by Govt of India 13

.. Projects above 2000 Rs for new or renewal of old Works not to be submitted by Bd until they could certify the soundness of the data ——

.. No works of Irrigation to be recommended without the Certainty of Increase of Revenue according to the orders of 28 Feby 1850 ——

50

Public Works

General Working of the Department of. Contd.

.. Regulating the movements of an Engineer so as to ensure his superintendence over every important work within his Divn. Instructions laid down by Govt. for it ——— 51

.. All Works within 1000 Rs. to be estimated, executed, & superintended by & at the responsibility of Collectors

.. Submission of Progress Reports of all important Works by Civil Engineers, to be required by Bd. according to the orders of Govt. of 22 May 1849 ——— 13.

.. Estimates for ordinary Tank Repairs not to pass thro' Civil Engineers but to be sent to Bd. by Collectors directly — Abstract Estimates will be sufficient & need not be sent to Govt. 14.

.. Accounts of Disbursements for ordinary & Extraordinary Works not to pass thro' Civil Engineers but to be submitted directly by Collectors ——— 15 & 16

.. The Advantages of these modifications detailed by Govt. & the Bd. to revise the Rules accordingly ——— 17

.. Alteration of the system of Road Dpt. Side Roads 1851 31 Jany. 19 to 25

Enquiring into, & reporting upon the System of Public Works at the Madras Presidency, under the instructions of Govt. of India a Commission composed of J. D. Bourdillon Esqr., Major A. C. Cotton Civil Engineer 7th Dn., & Major Balfour of the Military Bd. appointed for the purpose & the Govt. of Bengal requested to furnish Copies of instructions issued to the Bengal Commission. . . . . 18 Feby 5 to 8

Discontinuance of the Practice of Sending ordinary Estimates to Bd. & Govt. observed to have been already noticed by Govt. in Min: Con 31st Ultimo, & in the mean time the cessation of the Estimates for the present year with a view to the earliest submission of Bills allowed by Govt. as requested by Bd. .. 25 Do. 11-12

Canara. Delay in the submission of Murrumut Accounts expected by Govt. will not again occur when the increased Establishment applied for is obtained ——— .. 4 March 4-5

Canara. Excess in the cost of Sunkadagoondy & Areholly Bridges & the supplemental Estimates traced by Govt. to the careless preparation of origl. Estimates in 1845. Frequent orders issued on this subject referred to with the hope that none made subsequent to the issue of those orders will prove so deficient as those which have been now exceeded .. 18 Do. 1-2

57

Public Works.

52 — Formation of a subordinate Departmt. of Public Works. The letter from the Military Bd. in the Military Departmt. on the Subject laid before the Public Works Committee Vide Military Buildings 1851 18 March 31-32

Instructions to Public Works Committee. The instructions issued to Bengal Committee furnished by Govt. of India — The Commission directed to enquire into every branch of the existing system in respect to Superintendence & Execution from the period the office of Inspector Genl. was re-established — & to suggest a better plan either for the Modification of the present system & for ensuring the execution of P.W. with greater promptitude, skill, & true Economy — The Commission authorized to require the presence of any persons in the Public Service whom they may be desirous to examine on any point —— .. 25 Do. 12, 13

Military Branch of the Dept. of P.W. information on all matters relating to it to be furnished to the P.W. Commission —— 18

Reform of the Department of Public Works. The proposition of Major Pears on the subject, with the opinion given by the Superintg. of Road & now by the Bd. of P.W. thereon forwarded to the P.W. Commission for their consideration —— .. 15 April 1-2

Commencemt. of the Enquiry into the system of P.W. reported by the Commissioners —— 16-17

Excess charges above Estimates sanctioned on Explanation Vide Bridges & Roads —— .. 6 May 3-4

Unexpended Balances of occasional Estimates for works connected with Buildings & Roads Rs. 76016-6-9 sanctioned. The largeness of the unexecuted works in Canara, Malabar, Madura, Coimbatore, & Bellary noticed — some works observed not to have been Commenced upon. The delay to be accounted for. The Bd. to state whether the Sanctioned Estimates were prepared with reference to the resources of the Districts in laborers, & why the works under notice were not Completed within the stipulated period —— .. 6 Do. 5-6

Unexpended Balances of Estimates for works of Irrigation &ca. The Correspondence with the Bd. of P.W. on the subject to the Public Works Committee for their consideration —— .. 13 Do. 1.

Rajahmundry — old unadjusted accounts None reported by Bd. to exist except those which they will report on Vide Ferry Boats &ca. .. 20 Do. 8-9

Revision of the Rules of the Murrummut Department. The letter from the Bd. of P.W. soliciting further instructions on certain points submitted for the Consideration of the Public Works Commissioners —— .. 3 June 1-2

52

Jarvis
Ap 30.
1/10
MS

C.P.D.

Public Works

Statement of Disbursements incurred in 1848 & Estimates Sanctioned in 1849 in several branches of the Maramut, Road, & Civil Buildings Departments, submitted by Bd. of P.W. reviewed by Government

.. The total Expenditure exclusive of the Trunk Roads observed to

.. have amounted to 1317192 & exceed last year's charge by Rs. 305,922.

.. The largest Expenditure was in Chingleput, South Arcot, Tanjore,

.. Trichinopoly, Tinnevelly, & Canara. It was very limited in Ganjam

.. Vizagapatam, Masulipatam, Salem, Cuddapa, Madras, & Kurnool.

.. **The disbursemt. of Rs. 104-10-" in 1848 in Cochrane's Canal** tho'

.. not shown by the above statemts, reported in subsequent Returns —

.. Per Centage of the Expenditure on Public Works to the Rev: & its pro-

.. portion in each District noticed. That on works of irrigation was

.. largest, & their too great & too small proportion in several Districts noticed

.. That on Buildings noticed in each district being largest in Canara —

.. **Unequal Portion of Expenditure on Roads** noticed on a districtwar

.. review — & ordered to be checked by Bd. of P.W. in future, & to be

.. explained in future Reports ———————— 1851 13 June 9-10

Statement of the Expenditure & Cost of Superintendance of Trunk

.. **Roads from Novr. 1844 to May 1850**, submitted by Superintt. reviewed

.. The Bd. of Reve: not having furnished the returns for the D.P.W.

.. their attention called to the subject ———————— 2

.. The charges for work & superintendence in the Road Dept. and

.. Centage of the latter for 4 years from 1846/47 to 1849/50 noticed 3

.. The proportions of the superintendence of works as divided

.. between the officers of the Road Dept. & Civil Engineers &

.. Collectors in aid of them also noticed for the last 2 years — 4.

.. The Proportions of the charges of superintendence as divided

.. among Native Establisht., European Overseers, & assistants

.. for 1849/50 also noticed ———————— 5

.. The Correspondence on the subject referred with the above

.. observations for the Consideration of the Murrumt. Committee 6. 17 Do. 3-4

Commencement of Works by Collrs. without Sanction of Government

.. an instance of it in Tanjore observed to be irregular. Vide "Roads" .. 15 Augt. 17-18

Delay in submission of Bill, an instance in Malabar noticed Do. .. 2 Septr. 1-2

Submission of Estimates direct by Collrs. instead of through Bd. of P.W. noticed

.. to be irregular Vide Cutcherries, Chuttrums & Choultries ——— .. 15 Augt. 15-16

53

54 Public Works.

Complete Return of all P.W. constructed at this Presidency from 1838 to 1847

.. required by the Honorable Court under an order from the House of

.. Commons relating to Public Works in India to be furnished by the

.. Bd. at the "earliest possible period" according to their Form —— 1851 23 Septr 1

.. The Returns explained to Bd. of P.W. Shoud. contain all new works completed within 10 years from 1838 to 1847, & those that have been undertaken & are now in Progress the expenses during the above period also to be stated — The Bd. to entertain Extra Establishment to the extent required both for their own office & for those of the Collectors — The returns to be expedited early for being presented to the House of Commons at the meeting of Parliament early next year —— .. 14 Octr 8-9

Draft of a G.O. for bringing on the Public Books, & accounting for all

.. Mathematical, Surveying & other Instruments for Scientific purposes

" proposed by Military Bd. & referred in a Min: Con: Military Dept. to Bd. of P.W. with a view to their submitting any observations thereon .. 18 Novr 1-2

Modification of the present System of P.W. & increasing its efficiency

.. The Suggestions offered by the P.W. Committee in Connection with

.. the Subject of Road Department forwarded to Bd. of P.W. for report 16 Decr 21-22

Complete Return of all P.W. constructed at this Presidency from 1838 to 1847

.. The Bd. of P.W. to state when Govt. may expect to receive it for submission

.. to Parliament as required by Ho: Court —— 27

.. The Bd. desired in reply to their letter stating the progress made in the

.. preparation of the return to submit it in duplicate —— .. 23 Do. 3-4

Discretionary authority Grant of to officers in charge of P.W. proposed

.. by Bd. but not acceded to by Govt. as being unadvisable & unnecessary 29-30

Complete Return of all P.W. constructed at this Presidency from 1838 to 1847

.. from Bd. of P.W. directed to be forwarded to Ho: Court —— 45-46

Recordroom - Vide "Cutcherries &ca." —

Red Tank Guntoor - Vide "Traveller's Banglows". —

Rent - Vide "office rent" & "Cutcherries &ca". —

Reports

of the Pro: of Dept. of P.W. Bombay. —— } Vide "Miscellaneous". —

from C. Engineers on more important Works Madras }

Retrenchments. - Vide "Allowances". ——

54

Roads

55

Western Trunk Road. Report of the Superintt & his assts reviewed.
.. The proposition of the Superintt to keep the Middle Half of the
.. Roadway of 8 yards fit for quick travelling by metalling or
.. gravelling it & the sides in as good condition as cart-tracks can
.. be kept in with earth from the Road sides or carrying down
.. metal on the lines of the wheel tracks so as to form a kind of
.. tramway approved. Experiments of Coatings of metal of
.. different thickness on adjoining miles or Half Miles also to be
.. made. Breadth of Metalling to be confined in future to 6 yards.
.. Injury to Roads in North Arcot to be prevented by Collector
.. Vide Engineering officers &ca ——— 1851 7 Jany 7-8

Munzerabad Ghaut. Necessity of Continuing Lieut Hill's Establishmt.
.. for the assistance of Captain Baddam, & debiting it to the Canara Portion
.. A letter from Major Green Murrummut Superintt in Mysore recorded 9-10

Chingleput, North Arcot & Tanjore. Repair & Improvemt of Roads
.. Estimates amounting to Rs 1501-7-1 Sanctioned Vide Bridges .. 17 Do 5-6

Construction of a Road from Bellary to Mysore Frontier near
.. Hirrahal. Estimate amounting to Rs 17962-10-7 reviewed- The
.. Bd to report how far it can be reduced by adopting the width of 6
.. instead of 8 yards. Early sanction of Govt of India requested to
.. the Estimate. Vide Engineering officers ——— .. .. 7 to 9

Tinnevelly - Bills of Expenditure on Roads & Bridges for 1848
.. Rs 6765-12- " Sanctioned ——— .. 17 Do 12.13

Trichinopoly. Repair & Improvement of Portions of the Road from
.. Trichinopoly to Madura & from Trichinopoly to Salem. Estimates
.. amounting to Rs 4260-9-6 & 3347-12-" from Bd of P W to lie
.. over for future consideration ——— .. 24 Do 1-2

Canara. Road to Connect the Deuamenny Ghaut with Meerjan and
.. Arbyle Ghaut. Estimate of Rs 6925-14-5 Sanctioned ——— 5-6

Repair of Trunk Road N. 8 from the Oopar River to Samiaveram, Estimate
.. of 3000 Rs Sanctioned. The Width of Metalling to be limited to 18 feet
.. with a view to a proportionable reduction in the Estimate. The actual Expen-
.. diture to be reported in Decr next with an Estimate for future annual repair 11-12

53

Roads

56 Trunk Road No. 6 from Berhampore to Bengal Frontier & from Itchapore to Berhampore, Expenditure on account of annual Repairs from 1 January 1848 to 30 April 1850 as well as on account of improvements to the latter portion of the road Rs 12,698-2-" Sanctioned. The road work to be completed within April next. Annual Grant for repairs will only be in force until 30 April 1850 & their renewal depend on the decision of Govt. when the further Estimates for work connected with this Trunk Road No. 6 are submitted Vide "Eng: officers" 1851 24 Jany 14-15

Madura. Repair & Improvement of the Road between Madura & Dindigul .. Estimate amounting to Rs 7980-13-" Sanctioned

All applications for Road repairs, to be accompanied with a statement .. of the Cost of Repair for last 10 years, of the measures to maintain it in .. repair, of the officer in charge of it, & its periodical Examination 16-17

Canara. Formation of a Road from Perdoor to Oodapee & Malpy .. The estimate submitted on the 14th October 1850 for it Sanctioned .. under the explanation of the Bd of P W & the importance of rendering the Agoombee Ghaut as useful as it was designed to be by completing the Communication to the Coast .. 3 Feb 1-2

Malabar. Alteration of part of Trunk Road No. 5 West of Palghaut .. approved Vide Bridges 11-12

Tanjore. Repair of Roads & Construction of Small Bridges & Tunnels .. Estimates amounting to Rs 8503-15-11 Sanctioned 15-16

Alteration of the System of Road Department

.. Annual outlay of 4 Lacs of Rupees, nothing observed to have as yet been effected as to Roads at all adequate to the expectations at that time formed with reference to the Ho: Court's Sanction for it — 18

.. Confinement of the Superintendant's movements to Western & Southern Roads & to Roads from Arcot & Vellore to Chittore & thence to Mysore Frontier, the orders of Govt. of 4 octo. 1850 No. 191 on the subject cited — 19

.. Execution & Completion of such great lines of Road as the Superintt can efficiently inspect, to be exclusively attended to by him 20 & 21

.. Provision for Preservation & Repair of North Trunk Road, tho' insisted on by Ho: Court observed by Govt. to have been omitted in the Superintt's arrangements — 22

56

Roads

Alteration of the System of Road Department Contd.

.. Breadth of Roadway of Earth Work & of Metalled Road as also Depth of Metal to be stated by Superintt. in submitting Estimates, & also by Bd. as far as it concerns the District Roads — 23 1851 31 Jany 19 to 25

Masulipatam. Improvement of Parts of the Roads from Masulipatam to Ellore & Bezwarah. Estimates amounting to Rs. 6906-..-8 & Rs. 4575-12-.. Sanctioned — Gravel or Cunker & not calcined Earth or burnt Bricks to be used for road making 26-27

Bellary & Humsagur Road, annual amount for preservation of .. will be reported by Board —

Preservation of Roads projected will be attended to by Bd. in future .. Vide Engineering officers — 36-37

Road between Masulipatam & the Frontier of the Nizam's dominion

.. Necessity of its repair, noticed in a Min: Con: in Military Dept.

.. The Bd. to state what portion of it will be repaired under the orders of the 30th Ultimo, & what will be the cost of reforming the remainder as far as the Company's territories extend — .. 4 Feby 1-2

Review of the Reports of Collectors on the Roads & Communications of their Districts for Fusly 1258 reviewed by Government —

.. Improvemts in Tanjore noticed & Annual fixed allowance for District Roads, observed to have been urged on the Ho: Court, & the introduction of Mile stones & direction Posts also remarked

.. Improvemts in Salem & Coimbatore observed — 4 & 5

.. Progress of certain Lines in Trichinopoly noticed 6

.. Condition of Communications in Madura observed the improvemt of the Comm. with Pulney Hills sanctioned — 7

.. Tinnevelly. Want of Bridge on the main Trunk Road No 1 & bad state of certain Roads noticed — 8

.. Northern Circars — Nothing observed to have been done, & the Progress of the Godavery Anicut will interfere with any other work 9

.. Ganjam. opening Communications between the Coast & the Interior will be considered if recommended by Bd. — 10

.. Masulipatam. Improvemt of certain Roads observed to have been already authorised & the orders of Govt. of 31 Octr. 1848 to be communicated to Mr Porter — ..

.. Cuddapah — Estimate for a road to Cuddapa is under consideration

.. Completion of Goolcheroo Pass, observed to have been sanctioned, and a Communication from this Pass to Cuddapa to Ponany by Damulcheroo Pass, observed to be being planned by the Superintt. — 12

4 # Roads

58 Review of Reports of Collectors on roads in their Districts for F1258 Contd.
.. Bellary & Dharwar Road & a Road from Bellary to Heroor observed
to have been submitted for the Sanction of Govt. of India 13 & 14 185
.. Future submission of Collector's reports, to be within the 1st
Quarter of the Succeeding year – their separate submission
not necessary —— 1851 11 Feby 7–8

Vizianagrum Zemy. Road between Vizianagrum & Bimlipatam
.. reported to be in rapid Progress towards Completion, & will be kept
.. in repair by the Rajah – Continuation of the Road to Vizagapatam
.. & a junction Road between it & another point of Trunk Line, will be
.. reported on. Bridge over the Bimlipatam River, The Superintg
.. to submit an Estimate & to propose an arrangement for the Execution of
.. Superintendence of the work —— .. 18 Do. 15–16

Salem & Tinnevilly. Estimate for Roadworks, amounting together
.. to Rs. 2347–11–11 Sanctioned —— 19–20

Tinnevilly – Repair of the Madura & Palamcotah Road from
.. Shady Khan's Bunglow to Soolochennum's Bridge, Estimate of
.. Rs. 997–15–" submitted by Bd. for Sanction. But the Bd. to sub=
.. mit a revised Estimate with reference to the remarks of Govt.
.. on the Width of the Roadway & on the reduction to be made
.. for Convict labor —— .. 25 Do. 13–14

Canara. Bills for repair & Superintendence of Roads & Ghauts in 1846 @ 48
.. Rs. 2960–9–9 Sanctioned. Vide Public Works —— .. 4 March 4–5

Repair of Roads & Bridges under the discretionary authority vested in
.. Collectors ~~charges.~~ in 1849 – Rs. 7618–5–3 Sanctioned ——
.. Statements of the charge to be submitted direct to Bd. & not through
Civil Engineers ——
.. South Arcot. Careless Indifference to improvemt. of Roads dis-
played by Collector noticed —— 8–9

Improvemt. of the Line of Road leading thro' the Bellary District to Dharwar
.. before Sanctioning the Expenditure of Rs. 28,744–15–" recomd. by Govt.
.. Govt. of India wish to be informed of the advantages which the
.. road is likely to afford & especially the extent of trade which passes
.. & which is expected to pass by this route – The Bd. to supply the
.. further information required by Govt. of India —— 12, 13

58 Malabar. Metalling part of the Coast road between Mahé &
.. Wuddagherry. Estimate of Rs. 1990–5–" Sanctioned —— .. 18 Do. 10–11

Roads

Chingleput. Repair & Improvem^t of the Road from Trivatore
.. to Ennore: According to the Minute of the Right Hble the Govr
.. Gov^t desire the B^d of P W with reference to the former Correspondence
.. in 1839 on the subject to call on the Coll^r to submit immediately an
.. Estimate for placing it in proper Condition —— 1851 18 March 22 to 24

Vizagapatam Zem^ry. Construction of a Bridge over the Bimlipatam River
.. near the junction of the Road from Vizagapatam to Vizianagram
.. with the northern Trunk Road N. 6 Estimate from Superint^t of Roads
.. amounting to R^s 9042-7-6 Sanctioned - Substitution of Stones for
.. Brick for foundation of the Bridge left to the discretion of the
.. Superintending officer. Vide Engineering officers &c —— 〃 .. 33-34

Ganjam. Construction of a Road from Keongur or Kainjure to
.. Sohumpore in Bengal limits, observed by Gov^t to have been
.. Sanctioned by Gov^t of India & the agent in Ganjam to afford
.. all assistance to Captain M. Viccar, & to advance him any Funds
.. he may require to carry out the orders he has received from Gov^t
.. of India ——

.. Lines of certain Communications in Ganjam to be connected
.. with those in Orissa agency, The propositions of the agent in Ganjam
.. on the subject noticed & an Engineering officer directed to be
.. employed for a short time in inspecting & reporting upon them
.. Vide Engineering officers —— .. 25 D^o 1 to 3

Widening the Road along the left Bank of the Iyen Voikal from the
.. new Coleroon Bridge to Voytally Goodalore being part of the Road from
.. Trichinopoly to Salem. The Estimate amounting to R^s 4,800 Sanctioned 4-5

Portion of Trunk Road N 5 between Coimbatore to Valiaur.
.. Estimate for add^l Metal required submitted by Superintendant
.. amounting to R^s 6,300-12-„ Sanctioned —— 6-7

Major Kennedy's Pamphlet on Road-making, a further supply of 20
.. Copies of it received from the Gov^t of N. W. Provinces distributed to
.. Certain Departments & offices —— 14-15

Canara. Alteration of Drains on the Sircy & Dharwar Roads, Estimate
.. amounting to R^s 1249-6-11 Sanct^d; but referring to the defects in the
.. orig^l Construction of the Drains, Gov^t wish to be informed when &
.. under whose superintendence these works were executed —— 19-20

Formation of a Road from Chittledroog to Badamy, Estimate amounting
.. to R^s 4635 „ 2 submitted by B^d. But before taking any steps in the matter
.. Gov^t submit the Correspondence to Bombay Gov^t with the intimation
.. that this Gov^t will solicit the Sanction of Supreme Gov^t to the outlay

59

60

Road.

Formation of a Road from Chittledroog to Badamy Contd.

.. required to make good the portion of the Road in Bellary District & also
.. request the Mysore Commissioner to undertake the portion within his
.. limits if the Bombay Govt would undertake their share of the Expenditure
.. & obtain the Consent of the Nizam's Govt. to perform such portion
.. as is within the Hyderabad Territory —— 1851 25 March 2 to 23

Guntoor. Improvemt. of the Coast-road near the Kurlapalem Tank
.. Estimate amounting to Rs 409-8-.. Sanctioned —— 24-25

Malabar. Repair of part of the High Road from Palghaut to Trichoor
.. & Cochin & a Bridge over the Tripaloor River with 5 other small
.. Bridges. Estimate amounting in the aggregate to Rs 6435-5-.. Sanctd. .. 1 April 1-2

Standard for the width of Roadway on made Roads
.. The remarks of Superintt. on the orders of Govt. of 21st Novr 1850 noticed /
.. The intention of the new Rules was to reduce the breadth of Metalling, & of
.. the land to be taken up along the sides; & the rules sanctioned in Augt 1846
.. were not overlooked by Govt. in sanctioning the new Rules —— 2
.. The former practice compared with the standard fixed by the New Rule

	Metalling Yards	Sides Yards	Extreme breadth Yards
(New Rule) ordinary Roads ——	6	2	8
(New Rule) Roads running thro' cultivated land	5	2	7
ordinary Roads as per old practice	8	2	10

—— 3

.. The portion of the new rule directing that on each side of Roads running
.. thro' waste land a space of 10 feet additional to what is actually
.. occupied by the Road should be kept clear & that when the ground is cultivated
.. no more shall be taken up than is actually occupied also noticed.
.. In cases of drains & channels the 10 feet ordered to be measured from the
.. outer margin of the Drain —— 4
.. The orders of 21st Novr 1850 to be adhered to in future. What has
.. been effected on the old scale not to be altered but in special cases on
.. the responsibility of the Superintt. The instructions issued by Superintt.
.. to Civil Engineers to be modified accordingly —— 5-6

Coimbatore. Repair of District Roads & Construction of wells
.. Sanctioned by Bd. Vide Pagoda Funds —— .. 8 Do. 3-4

Masulipatam. Expenditure on Roads & Bridges for 1848. Rs 3968-3-1
.. Sanctioned. —— .. 15 Do. 3-4

Western Trunk Road No 1. Repair & Maintenance.
.. Bill of Expenditure from 1847 to 1849 submitted by Superintt. of Roads
.. Rs 1,00,103-9-2 Sanctioned —— .. .. 12 13.

Trunk Road No 9 [illegible]. Construction of Bridges
.. for it sanctioned Vide Bridges —— .. 29 Do. 1-2 [illegible]

60

19 lines from

PCM

Roads

Western Trunk Road No 1 - Bill for work executed in repair of 61
.. from 1st May 1849 to 30th April 1850 submitted by the Superintt
.. amounting to Rs (39.178-10-11) sanctioned
.. The abstract statement & Bills to office of Accounts — 1851 29 April 9-10

Bellary. Repair of sundry made Roads, an ordinary Estimate
.. of Rs 659-14-" sanctioned — 13-14

Reports of Superintt of Roads for Novr & Decr 1850 with those
.. of his assistants & one from asst. overseer Graham reviewed.
.. Completion of Southern Trunk Road No 8 for 91 Miles or to Vicravandy
noticed by Govt.
.. Construction of a Bridge over the Palaur at 60000 Rs
.. & by labor of 200 Convicts for 3 years - The suggestion of Superintt
.. worthy of Consideration; but before adopting it, Govt
.. wish to be informed whether a wooden Tramway can
.. not be constructed at a small expense - The building
.. of the bridge postponed till the Extent of Traffic on the
.. Road is ascertained - In the mean time the Superintt to fix
.. the site for the Bridge & state when Convicts should be employd
.. in the preparation of Materials or other preliminary operations -
.. Advantages of the new line from Vicravandy to Oolaundoorpett
.. over the old Track noticed.
.. Completion of the Bridge on the Vellaur Annicut
.. on Road No 9 noticed
.. Bridge over the Rajah Voikal from the lower Coleroon Annicut
.. & the charge for a crew for the Coleroon Ferry observed by
.. Govt to have been already sanctioned & the instructions
.. issued to him on the 29th March 1851
.. New Line on Trunk Road No 8 from Ooloondoorpat to Asinoor
.. its advantages noticed - & an Estimate for Construction of a
.. Bridge over the Vellaur beyond Asinoor to be submitted
.. in due time - A Bridge over the Chennaur & stone
.. flooring with foundations for Piers across the Oopaur
.. observed to have been sanctioned on the 17th April -
.. Road from Tiroomungalum to Sirooganoor, adoption of
.. the new line directed as being less expensive & more preferrable.

61

Roads

62: Review of Reports of Superintt of Roads for Novr & Decr 1850 Cd.
.. Improvement of Trunk Road No 8 from Oopaur to Trichinopoly
noticed & a Progress Report required on the Bridge over the Coleroon
.. Northern Trunk Road No 6, a Communication on the subject to the
Superintt observed to have been lately made ——
.. Construction of a Bridge over the Mungurray river on Road No 5
.. obsd to have been sanctioned on 30 January last ——
.. Lieut Chancery's Exertions in the Road Dept approved ——
.. Road from Valoor to Paulghaut, its Improvemt noticed —— 1851 29 April 19-20
Work performed for part of Trunk Road No 6 Bill amounting to Rs
.. 24,284-3-2 sanctioned - but Rs 10927-.. 4 observed to have
.. been sanctioned in Min: Con: 9 January 1845 No 15 -
Superintendence of the Works on the Western & Southern Roads & the
.. Road from Arcot to Chittore & thence to Mysore Frontier
.. The Superintt to state whether with the aid of an Efficient Asst
.. he can undertake it ———— 21-22
Madras - Charges incurred in the repair of Guindy & Poonamallee Roads
.. amounting with another Item to Rs 3456-12-.. sanctioned on
.. an Explanation of the Excess "Bridges" ———— .. 6 May 3-4
Prospective Estimate of Expenditure on Trunk Roads for 1851/52
.. required by Accountant Genl. on a communication from the Superintt
.. of Roads submitting Lists of different kinds of Estimates, that
.. officer directed to include in his Prospective Estimate besides the
.. "Works in Progress" & "annual repairs" the 6 items included in
.. his "List of Estimates already submitted" & in the "List of Estimates
.. proposed" Excluding No 4-6-7-& 13 ———— 12,13
Nellore. Proposed Line of Road between Kolajatla & Dornala Pass
.. on the Road from Nellore to Cuddapah, approved & the Estimate
.. for Cutting and uprooting Jungle on the line, amounting to
.. Rs 715-13-4. Sanctioned Vide Pagoda Funds & Choultries .. 13 Do 2,3
Report of Superintt of Roads & of his Assts for February & March 1851
.. reviewed by Govt. Employt of Captn Heathorn in constructing
.. Bridges on No 8 & 9 & of Lieut Forlong in the repair of the
.. Western Trunk Road & of Captn Best on the Road from

62

Roads

.. Arcot to Chittore & the Mysore Frontier noticed by Govt.
.. Masonry works on Roads No 8 & 9, the Estimates observed
.. by Govt. to have been Sanctioned on the 17th ultimo — 1851 13 May 8-9
Bellary — Construction of Bridges on the Banglore & Hyderabad
.. Road Sanctioned Vide Bridges —— 19-20
Construction of a Road from Bellary to Mysore Frontier near
.. Hurrihal at 17962-10-7. Sanctioned by Govt. of India — Comd. to Bd.
.. of P.W. & their attention directed to Paras 3 to 5 of Ex: Min:
.. Con: of 15 January 1851 No 11 —— 21-22
Annual Expenditure of 4 Lacs of Rs. on Trunk Roads Sanctd.
by Ho: Court. The Superintt. submits certain Estimates
.. with reference to the opinion "that nothing has as yet been
.. "effected at all adequate to the Expectations formed with re
.. -ference to the Sanction — Govt. see nothing in his letter to alter
.. the same opinion expressed in Min: Con: 31 January 1851 23-24
Bellary. Bill of Expenditure in repair of Roads for 1849 amounting
.. to Rs 4127-12- .. Sanctioned —— .. 20 Do 6-7
Coimbatore. Construction of a part of the Road from Poolachee to
.. Palghaut. Estimate amounting to Rs 3590-12- .. Sanctioned 10-11
Cuddapah — Bills of Expenditure on Roads & Bridges for 1849
.. Rs 5253-6-1 Sanctioned —— 17-18
Trunk Road No 6 between Madras & Goomdipoondy. The Superintt.
.. to Commence with the road from Madaveram to Goomdipoondy
.. at the width of 6 yards determined by Govt. The reduction
.. thereby to be Caused in the amount of the Estimate namely
.. Rs 86337-14-11 to be stated when the estimate will be Sanc-
... tioned Vide Engineering officers &c —— 21-22
Completion of the Goolcheroo Ghaut. Revised Estimate
.. amounting to Rs 14592-11- .. Sanctioned. As the estimate is
.. stated to answer equally well for a road of 18 feet broad, Govt. will
... not object to the roadway being increased to that width.
.. Advertisement of the improvements made on the line, to be
.. published with translations in Teloogoo & Canarese & 100 Copies of each
.. of the translations to be struck off & sent to Captain Best for
.. distribution to the people of the Country —— .. 20 Do. 25-26

10

Roads

64 Tinnevilly. ordinary Repairs to a portion of Road N 4 between
.. shady Khan's Choultry & Sooloochenum's Bridge, a Revised
.. Estimate amounting to Rs 785-4- " Sanctioned ..... 1851 3 June 5-6

Coimbatore. Charges on account of Neilgherry Ghauts & Roads
.. from Decr 1845 to Decr 1845 Rs 17,423-5-9 Sanctioned 13-14

opening of a direct road from Kurnool to Sooriapet by Nizam's Govt
.. requested by His Ex: Comr in Chief, & authority requested for
.. detaching officers for furnishing reports on roads in their Vicinity
.. in an Ex: Min: Con: in Military Dpt. The Resident of Hyde
.. rabad addressed 21-22

Malabar. Reforming & Bridging the District Road from Wanianeolum
.. on the Trunk Line from Coimbatore to Ponany to the Lakadycottah
.. & Cherpulcherry Road, Estimate amounting to Rs 2070-14- ..
.. Sanctioned .. 13 Do 5-6

Completion of Coormenghia Ghaut, reported by the officiating
.. agent in the Hill Tracts of Orissa to have taken place on the 24
.. March, & not on 5 January 1850 as stated by Military & Civil auditors
.. Vide Allowances 7-8

Trunk Roads. Review of the statement of Expenditure & Cost
.. of Superintendence from Novr 1844 to 1 May 1850 Vide Public Works .. 17 Do 3-4

Review of the Report of Collectors on the state of Communications & Roads
.. in Districts during 1850
.. Roads already formed to be maintained by Collectors in order. 1
.. Surveys of important lines in Ganjam and Estimates Sanctioned
for the improvement of the Roads to Ellore & Bazorahin Masulipatam
noticed by Government 2
.. Guntoor. Laying out District Roads before Commencemt of Survey.
.. The Collector's report to be sent to the Superintendant, & the attention
.. of the Civil Engineer's Dpt also to be directed to the subject 2
.. Bellary. Formation of two important Lines - 17962 Rs Expenditure for
.. one Line from Bellary to Mysore Frontier observed to have been
.. Sanctioned on 15 April 1851 & 5 miles observed to have been already formed by Convicts
.. A communication from the Govt of India observed also to
.. have been received regarding the other line 3
.. Canara. State of the Roads in it considered satisfactory, and

64

17 lines from S.G.

Roads

Review of the Report on the state of Roads in Districts during 1850 Contd.

.. the Board to state the measures they propose for the
.. Repair & maintenance of the Devanany Ghaut — 4

.. Trichinopoly. New Line from Trichinopoly to Tanjore formed
at Rs 27395 noticed, as also the line from Trichinopoly to Arrea
loor & Oodiarpollem now under repair, and the preparation
of Estimates for Roads N. 3-4 — 5

.. Madura. – Fair state of the Roads noticed — 6

.. Kurnool. The Bd have taken the only measure practicable at
present for the improvt of Roads but will keep the representations
of the Government agent in view — 7

.. Salem. Maintenance of Roads in repair by the local Bandy Fund
noticed & also a Bridge & Tunnels constructed during the year — 8

.. Tanjore. Improvement of Communications noticed to be attended to
& the Bridge over the Velliaur near Volungunney & over Vettaur
also observed — 9 1851 24 June 1-2

Ganjam. Works proposed on the Northern Trunk Road N. 6 between
.. Ichapore & Bengal Frontier. The present state, the distance
.. and the probable cost of the Road remarked. Captain Campbell's
.. Estimate observed as requiring to be modified with reference to the
.. recent orders regarding the Width of Roadway. Before however
.. issuing orders on the subject, the report of Collector on several points
.. connected with the road required by Govt. Meanwhile the annual
.. sum of 2400 Rs. Sanctioned for the maintenance of the road in repair
.. an overseer also to be nominated to superintend the Road –
.. Captain Campbell, His connection with the road having ceased
.. on the 30 April last, replaced at the disposal of the Com in chief
.. & his application for leave forwarded for H. E.'s Consideration 3-4

Masulipatam. – Formation of a Road from Masulipatam to Hyde
.. rabad boundary. The rough Estimate of Rs 427210 observed to be
.. extravagantly high, It was not intended the road should be metalled
.. but a breadth of 15 feet, with nullas bridged would be sufficient –
.. Comd to Military Dpt with reference to Min: of Con. 14 Jany 1851. 5-6

12

Roads.

66 Nellore. Construction of addl. Bridges on Roads in station damaged
.. by floods. Estimate of Rs 1107 from Board Sanctioned — ..
.. Civil Engr's remarks on the injury done to Trunk Road No 6 & his
.. Estimate for a Bridge on it to the Superintg for his opinion as to
.. the advisability of the proposed Improvemt & its immediate Execution 1851 24 June 7-8
Inspection & reporting on Roads by officers chiefly those in Dr Mr Gel's
.. Department at the requisition of His Ex: Vide Military officers 12, 13
Canara. Failure of Flat Drains on the Dharwar Road Vide Drains .. 1 July 3-4
Coimbatore. Repair of Cross Roads at 30000 Rs Sanctioned Vide Pagoda Funds 12, 13
Malabar. Repair of Roads in Neighbourhood of Tanoor
.. Munjerry, & Augadypooram, Estimates amounting
.. to Rs 4653-2-" Sanctioned — .. 11 July 3-4
Madura. Repair of Portions of Road No 2 between Dindigul
.. & Pulkanorth Estimate from Bd Rs 526-10-" Sanctioned 9-10
Chingleput. Reforming the Road from Trivuttoor to Ennore.
.. an Estimate of Rs 8392-15-" from Bd Sanctioned —
.. annual repair at a sum not exceeding 50 Rs per mile also authorised
.. augmentation of this sum by Contributions of the Residents
.. expected to enable the Collr to plant trees on each side
.. of the Road & keep up an Establishment for the same — 13-14
North Arcot. Formation of a road between Vellore & Bommasamoodrum.
.. an Estimate of Rs 9974-2-" and 50 Rs per mile for the two first
.. Years to maintain it in repair & 25 Rs per mile afterwards
.. Sanctioned & the Expenditure to be charged to the Town Duc Fund.
.. Improvement of one mile of Road between Vellore & Arnee
.. at Rs 1167-4-" Sanctioned as an occasional Work - & no
.. special allow: for its repair Sanctioned — 15-16
Salem. Improvement of Trunk Road No 1.
.. Purchase of Houses at Govindapooram. The Collr to disburse
.. Rs 1178-15-" for it & to Carry out the arrangements, recovering
.. the balance if any from the Road Fund. — 22, 23
Coimbatore. Repair of the Road No 5 between Bowany & Perindoray
.. an Estimate of Rs 126-8-" from Superintg Sanctioned .. 15 July 3-4

66

13 # Roads.

Bellary. Improvemt. of the Line of Road from Bellary to Dharwar
.. by Humsagur. Correspondence on the advantages to be derived
.. from it to Govt. of India, & their Sanction for the Estimate of Rs.
.. 26,344 or Rs. 28744 with the sum added for European Superintendence
.. resolicited by Government —— 1851 22 July 3–4

Metalling part of Trunk Road No. 8 between Vicravandy
.. & Oolundoorpett. The Estimate submitted by Superintt.
.. Rs. 32,233–15–" Sanctioned as also an annual Sum
.. of Rs. 4500 for maintaining it in repair —— 7–8

Travancore & Cochin. Improvement of the Roads from the
.. Cochin Frontiers to adjoining Districts. an Extract from
.. the letter of the Resident on the subject Comd. by Political Dept.
.. referred to Bd. of P W for report Vide Dam —— 9–10

Repair & Improvement of the Road from Poonamullee to Cuddapah
.. an Estimate for Rs. 2,20,616 ".. 2 submitted by Bd. of P W ——
.. The Right Hoble. the President, & the Hoble. Members of Govt. record
.. their Minutes & Notes on the subject — Govt. review the cor=
.. respondence on the formation of a good road to Cuddapah with
.. the opinion of the Bd. as to the necessity of a direct road, as also the Pro:
.. approving of the Civil Engineers of 2nd & 4 Divisions estimating the repairs
.. of the direct line or of such parts as were required for Communication
.. with Captain Bests new road while that officer was engaged on the
.. survey of the new line he proposed — The Estimates observed not to provide
.. for bridging the rivers & for Metalling &c. Govt. are aware of the advantages
.. of a direct road to Cuddapah but as it is intended to connect that Town
.. with the Western Trunk Road by the Godcherroo Ghaut, [doubt the necessity of] the proposed Road via
.. Naggery. being made a first class Metalled Trunk Road — Govt. intend however
.. that for the produce of the Cuddapah Valley that should be a passable Cart
.. road chosen & made a 2nd class Road the expense to be charged to the Lac Fund
.. The Bd.'s reports &c. with the former reports & plans of Captn. Buckle sent
.. to Superintt. of Roads with a view to his revising & reducing the Estimates
.. with reference to the alteration of the Line from 1st class metalled to 2nd class
.. unmetalled Road — The Superint. to report also on the state of the 4 Lac Fund —
.. The Superintt. also to state with reference to 17802 Rs. added by the Bd. for
.. payment of 2 officers, whether it would not be better to employ one officer
.. only with a sufficient Number of overseers of Sappers & Miners .. 29 July 1 to 7

Roads.

68 Mysore. Construction of a Cart-Road from Mercara to Veera=
.. jenderpett. A Memo: from Govt. of India to the Coorg Commissioner
.. Sanctioning 500 Rs. for preliminary surveys & Estimates Com^d to B^d P.W. 1851 29 July 10–11

Trunk Road No 8 & the Goolcherroo Ghaut, Works performed on
.. Bills of the Superintd. Rs 49,852- 2- 5 Sanctioned —— .. 16–17

Road between Kurnool & Sooriapett. Commencement of its repair reported
.. by the Resident of Hyderabad, & with reference to his statem^t regarding
.. the Road from Masulipatam to Hyderabad Frontier
.. the B^d of P.W. called on to submit estimates for its repair as a
.. District cross Road. & the Pro: Com^d to Military Dep^t & the H Resident 5 Augt 4–6

Trichinopoly. Improvem^ts of the Road from Trichinopoly towards
.. Coimbatore by the Right bank of the Cauvery, Estimate for it
.. amounting to Rs 6896-4-.. Sanctioned the road being practicable
.. for Carts & no other important Work demanding the attention of local
.. officers —— 15 Do 5–6

Tanjore. Repair of the Road from Manargoody to Titrapoondy
.. commencement of it by Coll^r without the Sanction of Govt irregular
.. but under his explanation for the necessity of the work, the
.. charges Rs 888-15-.. Sanctioned —— .. 17–18

Bellary. Keeping in repair of the Road from Bellary to Dharwar by
.. Hunsagur, annual Grant of 3739 Rs requested by B^d of P.W.
.. To lie over pending the reply of Govt of India to the letter recommending the improvement
.. of the road. —— 19 Do 7–8

Neilgherry Roads & Ghauts. Expenditure upon it for 1849 as per 2
.. Bills from B^d of P.W. Rs 4451-..-4. Sanctioned —— 26 Do 5–6

Malabar. Formation of the Panany & Walliaur Road, The Expendi=
.. ture for it including the charge for annual repairs from 1845 to 1848
.. Rs 41,720-5-6 Sanctioned. Delay in submission of Bill
.. not satisfactorily accounted for —— 2 Sept 1–2

Ganjam. Repair of Trunk Road No 6 between Itchapore and
.. Bengal Frontier. The traffic on this road small but as good road
.. has been constructed from the Bengal Frontier to Calcutta, Captain
.. Best requested in order to complete the communication to submit
.. a revised Estimate for it with reference to the orders of Government
.. of 19 June 1851 —— 16 Do 13–14

Tanjore. Gravelling & Improving that part of the Road from Negapatam
.. & Tanjore to Trichinopoly which lies between Singeputty & the Trichi
.. nopoly Boundary. Govt decline to entertain the proposition made
.. for it at an Estimated charge of Rs 4203-7-.. —— .. 2–3

68

20 lines [illegible]

Roads

Reports of Superintt of Roads for April, May, June, & July reviewed & considered favorable - Trunk Road Communications noticed to be improving 1851 23 Sept. 4 & 6

Reports of Superintt of Roads & Lieut. Forlong for Augt. reviewed

.. Carts or Cartage, Increase of their rate & drawing them away by Collr of Chingleput. Paras 5 & 6 of Lieut. Forlong's report on the subject to Bd of P W for early enquiry ——

.. Badness of the portion of the Western Road from 34th to 58th Mile the immediate attention of the Superintt directed to it ——

.. Progress of the Line from Arcot to Chittore observed by Govt.

.. Improvement of the Damulcherroo Pass, the preparation of Estimates for it also noticed —— .. .. 9 & 10

Madura & Tinnevelly, Construction of Cotton Roads from Streevelly poottoor to Tuticorin, & from Arpoocottah to Ettiapooram.

.. Addition of a 3d officer & 7 asst. overseers to present Establisht at a cost not exceeding Rs 17961-9-" to be defrayed from the Pagoda Funds of Tinnevelly Sanctioned. Govt. will take an early opportunity of nominating an additional officer, & will in the mean while ascertain whether the services of 7 men from the Sappers can be made available ——

.. Employt of Carnatic ordnance artificers, in the event of Non Commissioned officers not being available will be taken into consideration hereafter ——

.. Progressive Monthly Reports, to be sent after the Completion of the working Establishment in number —— .. 14 Octr 1 & 3

Trichinopoly. Repair & Improvement of Portions of the Road from Trichinopoly to Salem being Half of the Communication between Nochium on the left Bank of the Coleroon opposite Trichinopoly & Mossery. The Further Expenditure of Rs 3347-12 applied for by Bd on 31st Octr 1850 (Vide Con: 24 Jany 1851 - 1-2) not to be incurred Vide "Bridges" —— .. 21 Decr 1-2

Construction of Portion of Road between the Northern bank of the Kavery & the Southern Bank of the Coleroon - Bill for Rs 8739-13-6

Construction of Portion of the Road between the Northern bank of the Coleroon & Samiaveram Bill amounting to Rs 22,849-12-7

Repair of the Road from Waliaur to Ponany, Two Bills amounting to Rs 7705-13-3 & 2100 respectively from Superintt of Roads Sanctioned 7-8

Western Trunk Road N.1. Preparing & Carting Materials for Bills from Superintt of Roads amounting to Rs 36,148-7-5 Sanctioned —— 9-10

Salem. Making a trace for a line of Cart Road from Green hills to Darhampoory, the Bd to report what has been done in pursuance of the orders of Govt. of 16 Decr 1850 No 258 —— 11

16

Roads.

70 Guntoor. Repairs to Platform Bridges & Roads to Chenna & Pedda
.. Ganjam &ca Salt stores Bill Rs 463-6-1 Sanctioned —— 1851 28 Octr 3-4

Bellary. Improvements of the Road thro' the Bellary District to Dharwar
.. the Estimate of Rs 26344-15-" & Rs 2400 for European superin
.. tendence Sanctioned by Govt of India. Comd to Bd, accountt & audit 15-16

Canara. Bills of Expenditure on Roads Sanctioned. —— Vizt
.. Construction of Devamany Ghaut Road Bill Rs 53,130-6-2
.. Formation of Munzerabad Road under Captn Boddam 6090-6-2
.. Annual repairs to main Roads within & without the limits of the Town of Coompta } 232-"-"
.. Annual repairs to Coloor Ghaut & Road 63-10-8
.. .. .. andae Pass in Barcoor 43-13-"
.. .. .. Ghauts in Talooks 351-7-8
.. Restoring rough stone Revetment near the third mile stone in Agoombay Ghaut in Barcoor Talook } 163-15-"
.. Annual repair to made Road between Ankola & Devamany via Burghy } 69-13-" .. 4 Novr 1-2

Trichinopoly. Repair of Part of High Road to Madura during 49 Bill 940-3-5
.. Widening roadway of Vycoondum Hd Sluice Do Do 1022-14-4
.. Repair of part of the High Road to Madras Do Do 310-8-5
.. Construction of Portion of the road to Talagoody Do Do 5201-7-9
Sanctioned on the recommendation of Bd —— —— 5-6

Guntoor. Expenditure on Roads, Bridges &ca for 1849 Bill
.. amounting to Rs 1401-3-5 Sanctioned —— .. 11 Do 3-4

Direct Line of Road to Cuddapah, the Superintt of Roads
.. states that he is collecting the information called for in Min: Con:
.. of 24th July 1851 No 240 on the subject —— 15-16

Tanjore. Construction of Masonry-works on the Road from Titrapoondy to Negapatam. appropriation of Rs 10.766-"-8 out of Surplus
.. Pagoda Funds Sanctioned ——
.. Relieving the Meerassidars of the burden of undertaking Earthwork not to be acceded to — Mr Goodwyn's rejection of the C.E's proposition for deducting from the Estimate 3142 Rs for Earthwork not supported — Govt would however take into special consideration any points of line
.. where an adherence to the usage of the district would press heavily on the resources of particular Villages —— .. 18 Novr 3-4

70

17 # Roads

Advances of money on account of works under Superintt of Roads
.. Placing them in the Madras Bank - The Superintt authorised
.. to place them so - The account to be kept in the name of the
.. Superintt for the time being to avoid the inconvenience brought
.. to notice with respect to the Public money deposited in the Bank
.. by the late Captain Best. The Superintt to urge on the Executors
.. of the late Superintt's Estate the necessity of an early adjustment
.. of these accounts with the Bank & to report their reply to Govt 1851 25 Novr 1 to 3

Repairing the Begumhully Tank-Bank on the Road to Banglore
.. an Estimate of Rs 959-10-" submitted by Superintt for Sanction -
.. But before sanctioning it, Govt desire to be furnished with
.. some Explanation on the subject with a plan of the locality 6-7-

Chingleput. Repair & Improvemt of two Branch-lines leading from
.. Chingleput to Soorapen's Choultry by Wallajahbad & Conjeveram
.. & from Conjeveram to the Trunk Road in the direction of
.. Madras. Estimates from Bd amounting to Rs 6917-13-2 & 2394-3-" re-
.. spectively sanctioned as also an annual grant for repair
.. of Rs 250 & 137 ———— 8-9

Reports of Superintt of Roads & his assts for September 1851 - reviewed
.. Exaction of Village labor in Salem on Trunk Roads, Captn Best's
remarks on the subject to Collr of Salem for his opinion ——
.. Lieut Forlong - Comment on orders of Govt to confine metalling to
5 or 6 yards censured ———— 10-11

Guntoor - Formation of a raised Road with Bridges across the fields
.. under Sandole Tank between Guntoor & Ponnoor Estimate from
.. Bd amounting to Rs 1360-3-" sanctioned ———— 12, 13

South Arcot. Construction of 4 Road Tunnels Estimates from Bd amounting
.. to Rs 255 & 164-14-" sanctioned ———— .. .. ..

Tanjore. Repair of 2 Road Tunnels - Estimate from Do Rs 404-8-" sanctioned .. .. ..

Malabar - Improving the Roads from Munjery to Mullapoorum
.. Munjery to Angadypoorum & Mullapoorum to Angadypoorum
.. 3 Estimates from Bd Rs 149-15-" 470-11-" & 538-11-" sanctioned .. .. ..

Madura - Improving part of the Road between Tiroomungalum
.. & Oosalumputty. Estimate from Bd Rs 1322-9-" sanctioned —— .. .. ..

Canara. Formation of a New Road between the Town & the Coast
.. Estimate from Bd amounting to Rs 2068-11-" sanctioned —— 14-15

18 Roads.

72 6 D^o. Prolonging the line of Road by the Arbyle Ghaut & Yellapoor
.. to Hulliah as far as Movinkoppa on the Dharwar Frontier, &
.. the formation of a Road from Yellapoor to Kirwutty near the
.. Bombay Frontier. Estimates amounting with the pay of an officer
.. to superintend the work to Rs 7602-8-5 - Sanctioned
.. Appointmt of Lt. Thornton to superintend the above roads made 1851 2 Decr 5 to 9
Vizagapatam. Repair of Portion of Trunk Road No 6 near the town
.. of Annakapilly. an Emergent Estimate from Superintt of
.. Roads - Rs 703-4-2 Sanctioned 10-11
Advances of Public Money standing in the name of Captain Best
.. in the Madras Bank. recovery of them from the Executors to him
.. reported by Superintt of Roads 16-17
Coorminghia Ghaut Road. Expenditure upon - Rs 3217-9-9
.. sanctioned on further Explanation
.. Construction of Roads from Sohumpore to Sarranguddah & thence
to Shukernagherry. Colol Campbell's opinion observed to be un-
. favorable to it .. 9 D^o 1-2
South Arcot. Repair of roads in Chellumbrum & Manargoody
.. Talooks. Estimates from Bd amounting to Rs 3700-9-" Sanctioned 5-6
Report of Superintt of Roads & of his assistants for octr 1851 recorded .. 7-8
Kurnool. Expenditure on Roads & Bridges for 1849 Rs 2957-10-6 Sanctd .. 11-12
Canara. Construction of a Road from Sanecutta the present termination
.. of the line from Dharwar & Yellapoor by the Arbyle Ghaut to the Coast
.. to Tuddry - Estimate from Bd Rs 2508-13-2 Sanctioned .. 16 Decr 5-6
Guntoor. ordinary repairs to Coast road thro' the District to Masulipatam
.. & to the District Road from Guntoor to Bauputlah. Estimates
.. from Bd Rs 124-6-" & 309-3-" Sanctioned
Malabar. Repair of part of the road from Cananore to Wynaad
.. Estimate from Bd Rs 107-9-" Sanctioned
Madura. Reconstruction of an old Native Bridge & Improvements
.. to the road from Madura to Dindigal. Estimate from Bd of PW
.. Rs 694-10-" Sanctioned
Tinnevelly. Re-gravelling & Improvemts of the Road between
.. Palamcottah & Madura. Estimate from Bd Rs 1938-11-" Sanctioned 11-12
Malabar. Formation of a permanent Branch road between Cotaparamba
.. & Mutanoor. Estimate of Rs 17774-11-2 recomd by Bd not sanctioned
.. the nothing seeming to be at present requisite to Govt .. 19-20

72

28 hrs from
I H R

19

Roads.

Report of P. W. Commission on the subject of Road Dept. Vide "Public Works 1851 16 June" 21-22
South Arcot. Formation of a road between Porto Novo, & the Madras &
.. Tanjore Road. Estimate of Rs. 3230-13-" recommended but not
.. sanctioned - The Civil Engineer to undertake no other work until
.. the Coleroon Bridge on which he is engaged is completed .. 23 Do. 10-11
Coimbatore. Expenditure on Roads & Bridges for 1849 Rs. 7766-10-6 Sanctioned .. 12-13
3rd Dn. Road from Bellary to Harrahal. Addition to Estimate
.. sanctioned by Govt. of India on the 15 April last of Rs. 3037-5-5
.. authorised in Consequence of the effects of the storm in May last 14-15
Coimbatore. Repair of the Road from Coimbatore to Avanashy
.. an Estimate from Superintt. of Roads Rs. 4830-14-" Sanctioned 20-21
Trichinopoly. Repair & Improvement of the Road from Trichinopoly
.. towards Combaconum & Madras. Estimate of Rs. 5042-1-11 re=
.. commended by Bd. sanctioned 31-32
Madura. Expenditure on Roads & Bridges for 1849 Rs. 10376-11-5 Sanctioned .. 35-36

Roads-making - Major Kennedy's Pamphlet on Vide "Roads".—

Roads to Salt-pans &c. Vide "Salt Buildings".—

Road Tunnels - Vide "Roads".—

74 Salt Buildings - Vide Page 75

Salt Cutcherries Vide "Salt Buildings". —

Sea Custom Cutcherries - Vide "Cutcherries &c". & "Custom houses". —

Sea Defences Vide "Beach Defences". —

Selections from Reports by Civil Engineer's Deptt. Madras
Vide "Miscellaneous". —

Sepoy Lines Vide "Military Buildings". —

Shervaroy Hills - Vide "Ohara under the Hd. of "Engineering officers". —

Sickness of overseers - Vide "Engineering officers &c" 1851 18 March. 37-38

Side Drains Vide "Drains". —

Soldier's Sheds Vide "Traveller's Bunglows". —

Steel Lieutt. Vide "Engineering officers &c". —

Surveying Instruments &c. accounting for Vide "Public Works" —
supply to Captn. Doveton Vide "Miscellaneous". —

Vt

Salt Buildings

Nellore. Rebuilding on a new plan of the Salt Cutcherry at Doogoo .. razypatam. Estimate amounting to Rs 836-6-" Sanctioned —	1851	18 March	8-9
Guntoor. Repair & Improvemts of the Buildings, Roads, & Tanks con .. nected with Salt stores, Estimate amounting to Rs 2488-7-" .. recomd by Bd for Sanction - Govt desire more full information .. respecting each Item in the Estimate which on the present showing .. do not appear to be very necessary —	..	..	25-26.
Guntoor. Repairs & Improvemts to Buildings, Roads, & Tanks connected .. with the Salt stores. Estimate amounting to Rs 2488-7-" Sanctioned	..	13 June	3-4
Nellore. Repair & Improvemts of Salt Cutcherries at Gogoolapully, & .. Tooauldena. Estimate of Rs 776 Sanctioned —	..	11 July	26-27
Guntoor. Repairs to Roads to certain Salt pans &c. Vide Roads —	..	28 Octor	3-4
Chingleput. Repair of Salt Pans of Pyenoor & Cadoombady in 1849- Bill Rs 186-12-". .. Repair to road from Vulloor to Salt-platforms in Nayer Talook Do 592-4-" .. .. to the Salt-pan in Do 108-"-" .. Sanctioned on the recommendation of Bd —	..	..	7-8
Malabar. Repair for strengthening Salt Gollah at Calicut, Esti .. mate amounting to Rs 381-1-" Sanctioned —	..	18 Novr	5-6
Nellore. Repair of Huts of Watching Peons of Salt Cottaurs - Bill Rs 9 .. Repair of Platform channels &c of Do Bill Rs 48-6-1 Sanctioned	..	..	7-8
Ganjam. Repair of Salt Pans during F1259. Bill Rs 332-12-1 Sanctioned	—	2 Decr	3-4.

Tahnas Police Vide "Police Tanahs"

Tank-banks - Repair of, Vide "Roads". —

Tanks - Vide "Works of Irrigation". —

Taxes on Conveyances in Salem - Exemption from Vide "Petitions". —

Tests of Qualifications - Vide "Civil & Military officers". —

Tolls & Taxes –

76 Masulipatam – Petta Canal – Impropriety of defraying the charges of from
.. Toll-collections Vide Ferry Boats & Navigation Canals —— 1851 4 March 6-7 & ca.
Malabar – Levy of taxes on Boats landing at the Quay – directed vide Beach defences .. 13 May 10 to 16 & ca.
Canara – Devamany Ghaut. Imposition of a toll on carts recomd.
.. by Bd. Reply of the Govt. of India to the letters from this Govt. 22 Octr. 1850
.. furnishing information on the rates of Toll, & Description of Vehicles solicited .. 11 July 17 to 19
Introduction of Toll on the Devamany Ghaut, the Bd. desired to propose the
.. necessary arrangements for it with reference to the act VIII of 1851 passed for
.. empowering Govt. to levy Tolls on Roads &ca. .. 5 Augt. 17
.. The observation of Govt. of India that under the above act, the difficulty brought
.. to notice can be obviated by laying high rate on such Carts as Govt. would discourage to Bd. P.W. .. 15 Do. 13-14

Topes –

Coimbatore – Planting of on Roads, Rs. 5000 from Chuttrum Funds sanctioned 1851 1 July 12.13

Town – Defences – Vide "Beach defences". –

Tramway – Vide "Bridges". –

Towns & Municipal Improvements

Salem – Expenditure of the allow: for road repairs in clearing & draining
.. Salem & other Towns, requested by Bd. Govt. observe it should be left to
.. Collr. to decide whether this annual sum of 400 Rs. will be best employd. within
.. or without the limits of the towns within his Jurisdiction .... 1851 29 April 11-12
Madura – Improvemts. of Town reported on by Bd. & Considered by Govt.
.. to be satisfactory – Mr Parker Commended for his exertions in Carrying
.. out the benevolent views of Mr Blackburne – Realization of the
.. Advance made by Govt. & the Revenues of Markets &ca. during the present
.. year available for further improvemts. & a Project for bringing water into
.. the Town from the Vighay river noticed – These Circumstances to be brought
.. to the notice of Ho: Court & the statement of the works & improvements
.. executed from 1847 to 1850 & the Correspondence to be printed & Circulated
.. for the information of Judl. & Rev: officers —— .. 13 May 17-18
.. Cleansing of the Town by means of an aqueduct from a channel
.. branching from the Vighay River, an Estimate for it from Bd. of P.W.
.. amounting to Rs. 28605-9-" sanctioned. Of the Total Expenditure
.. Rs. 9841-14-11 to be defrayed from the Shevagunga Devastanum Funds
.. & Rs. 18763-10-1 from the Pagoda Funds of the Madura District —— .. 16 Septr. 1-2
Canara – Improvemts. & Draining of the Main Street of Moondgode in 1849 &
.. Construction of Drains & preservation of Cleanliness in Town of Manglore
.. Bills amounting to Rs. 165 & 133-6-9 respectively sanctioned —— .. 4 Novr. 1-2

76

Traveller's Banglows.

Alteration of the T. B at Datchapilly. Govt. observe that the .. Estimate for it was properly struck out by Bd. as unnecessary	1851	17 Jany	1-2	
Masulipatam. Repair of T. B at Kunkepaud. Estimate amounting .. to Rs 140-11-10 Sanctioned less the sum for plastering the floor of the .. Horse-stables & the steps of the B.	..	..	22, 23	
Guntoor. Enlargement of T. Bs at Peddagooralah & Nakricul .. The expenditure of Rs 1226-6-5 proposed for it not Sanctioned				
Chingleput. Addition of a Verandah to T. B at Acherawak at .. an estimated charge of Rs 574-9-" to be deferred	..	..	..	
Salem. Report upon the T. B in 1849 submitted by Bd. to be .. taken into consideration when the additional information .. called for by the Bd is submitted	..	31 Do	7-8	
Repair of a T. B at the foot of the Shervaroy Hills, Irregularity .. of Sanction given to it noticed	..	11 Feby	1-2	
Bellary. Bill of Expenditure for painting Doors & Windows of 10 P. B .. during 1848 Rs 405-1-" Sanctioned	..	18 Do	13-14	
Bellary. Repair of a Banglow at Taleepett, its necessity not .. clear. & the Estimate therefore not Sanctioned. The Bd. to ascer- .. tain certain particulars regarding the B if they recomd the repair	..	25 Do	5-6	
Coimbatore. Digging a well at the Banglow at Metapolliam .. Estimate amounting to Rs 200 sanctioned	..	18 March	14-15	
Bellary. Construction of a Traveller's Choultry, an Estimate of Rs .. 500 submitted by Bd. not Sanctioned as unnecessary .. Construction of a Choultry at Nagadinna in Adoni. So .. much of the Estimate of Rs 431 for the Building to be occupied .. as Peskar's Cutcherry, as provide for the Choultry not Sanctioned .. & the proper deduction on that amount to be made in the Bill .. of Charges Vide Buildings	..	1 April	11-12	
Malabar. Abolition of the Banglows at Coottipooram & Goodaloor .. ordered by Govt. on a report from the Bd. of P.W.	..	13 May	4-5	
Malabar. Six soldiers sheds & six Choultries on the Perambaddy Ghaut .. Estimates amounting to Rs 9013-9-2 subd. by Bd. for Sanction. To lie over until .. the genl. subject of accommodation for Trav: in Madras Pre: is taken into Consideration		27 May	1-2	

Traveller's Banglows.

78 Canara. Retention of the Buildings at Mullapoor & Tuttihullia
.. & the Disposal of those at Devakur Kodsully & T Lerwutty as proposed
.. by Colltr. Sanctioned pending further orders on the Genl. subject of T.B 1851 21 May 9–10

Kurnool. Construction of Banglows on the Road between Repully & Kurnool
.. an Estimate for 3 Banglows at Rs 6000 recomd. by agent. but according
.. to the recommendation of the Bd. Govt. authorise the Construction
.. of one Banglow at 2000 Rs the agent to decide with the Con=
.. currence of the Bd. on which of the proposed sites it should be built .. 3 June 7–8

North arcot. Trav: B: at Pulicat repair at 538-3-2. recomd.; but
.. Govt. see no necessity of keeping up a B. in that place, the Bd. to state
.. if there are any special reasons for maintaining it & whether any
.. Establishmt. is attached to it & whether the Building is required for
.. any other public purposes —————— .. 17 Do 1–2

Malabar. Supply of Blue cloth for Banglow Peons requested—
.. The Bd. to state whether it has been furnished at Public Expense
to Banglow Peons of Malabar on the Neilgherries, if so where,
if not why should the new charge be now incurred .... 1 July 5–6

Masulipatam. Repair of T.B at Bunder Estimate of Rs 76 Sanctioned .. 29 July 12, 13

Trichinopoly. Repair of T. B at Sergamboor on the road to Salem
.. Estimate amounting to Rs 56-8-" Sanctioned ——————

Coimbatore. Repair of T.B at Vellacoil on the road to Trichinopoly
.. an Estimate of Rs 137-11-" not Sanctioned as not having the Collector's
.. Countersignature or passed thro' his office ——————

Malabar. Supply of Blue cloth or Warm clothing for Banglow Peons
.. on the Neilgherries, declined by Govt. as being unusual —————— .. 2 Augt 1–2

Coimbatore. Repair of the T. B at Vellacoil. an Estimate amounting
.. to Rs 137-11-" Sanctioned —————— 16 Septr 5–6

Guntoor. Repairs to T.B at Innacondah Bill Rs 293-2-8 Sanctioned .. 28 Octr 3–4
.. Repairs to Guntoor Red Tank in 1849 – Bill Rs 3-15-4 Sanctioned .. ..

Chingleput. Repairing the Stable near the Carangooly T.B. Bill Rs As P. 104-8-"
.. Construction of a well to Goodoovanjairy T.B & making 2 chairs to Tripporore B in 1849 } Bill – 79-8-"
.. Sanctioned on the recommendation of Bd. of P.W. —————— 7–8

Trichinopoly. Repair to T.B Poottoor during 1849 – Bill Rs 65-8- Sanctioned
.. Improvement to the old T.B at Towagoody Do. Do. 487-7-6- Do.
.. Construction of Soldier's Shed T.B at Manavaply Do. Do. 315-"-" Do.
.. .. of 10 Swivel Shutters to 5 T.Bs. at Moodery Do. Do. 59-" 4- Do.
.. Repair of Rattan Chairs & binding books in Toramungalum T.B Do. 4-5-" Do. .. 4 Novr 3–4

78

56 leaves from 7th

Traveller's Banglows.

Vizagapatam. Repair of Moosaferkhana at the Market place in the town
.. Estimate amounting to Rs 474-5-4 Sanctioned ——

Masulipatam. Repair of a Tra: B. Estimate Rs 55-14-2 Sanctioned

Tanjore. Repair of a T.B. Estimate amounting to Rs 110 Sanctioned

Malabar. Improving the roof of the T.B at Quilandy. Estimate of
.. Rs 253-10-" Sanctioned —— 1851 18 Novr 5-6

Nellore. Furniture to Esrapully T.B. Bill Rs 71
.. Repair of choultry for Native Travellers at Singaroycondah. Bill Rs 6 Sanctd .. 7-8

Neelgherries. Charge for work performed to Nedawuttum T.B Rs
.. 1055-4-7 Sanctioned on explanation. (Vide Buildings 27 May 56)
.. Use of Iron roofing, Captn Outcherlony's recommendation
.. to be borne in mind —— .. 23 Decr 7-8

Nellore. Necessary repairs to T.B & soldier's shed at Ramahpatam to be
.. at once executed & the cost submitted in a Bill for sanction —— .. ..
.. Construction of a new T.B at Ramahpatam not permitted —— 39-40

Traveller's Banglows. Establishment of Vide "Establishments"

Traveller's Choultries Vide "Traveller's Banglows".—

Treasure.

Hidden Treasure or Valuable Property discovered by Lieut. Forlong in [illegible] North Arcot. Lieut. Forlong referred to Reg: XI of 1832 on the subject 1851 25 Novr 16–17

Treasury Buildings Vide "Cutcherries &c".—

Tripany Funds Vide "Pagoda Funds".—

Tunnels — Vide "Roads" & "Bridges".—

Unanswered References, statements of Vide "Miscellaneous".—

Under Drains - Vide "Drains".—

Unexpended Balances of occasional Estimates Vide "Public Works"

Vaghanays — Vide "Beach Defences".—

Village Labor. Exaction on Trunk Roads Vide "Roads".

Wall along the left side of the "Godavery" - Vide "Ferry Boats &c".—

Warm clothing - Vide "Blue cloth".—

Wells - Vide "Travellers Bunglows", "Chuttrums & Choultries", & "Roads".—

Wharf - Vide "Beach defences".—

Wooden stands &c to Recordroom Vide "Cutcherries &c".—

Works of Irrigation

Canara. Repair of Tanks at Moondgode & Sumbramany for 1848
.. Charges Rs 939 - 3 - 10 Sanctioned ———— 1851 4 March 10-11

Guntoor. occasional Estimate for works of irrigation Rs 1974-9-4
.. recomd by Bd. Referring to Min: Con: of 1st July 1852 N 217
.. Govt defer sanctioning them. Vide "Bridges", "Jails," & Eng: officers" —— .. 11 July 1-2

Cuddapah. Expenditure upon Works of Irrigation for 1849 as per
.. 3 Bills amounting to Rs 21730-7-.. Sanctioned Vide Establisht .. 15 Augt 3-4-

Rajahmundry - Clearing of channels for the Drainage of the Country
.. flooded by the Weyairoo on the Woondy Talook, The Pro; of the
.. Bd in authoring an Emergent Expenditure of Rs 4328-2-.. Sanctd .. 16 Septr 3-4

Madura. Repair of Perianantheel & Sithanantheel Tanks, at an estimated
.. Cost of Rs 4378-2-.. proposed by Bd not to be sanctioned without a further
.. Experience of the Revenue of the Villages to which the Tanks belong —— .. 23 Decr 27-28

Works of Public Utility & General Benefit — 84

Statement of works constructed at Public & Private Cost not to .. be furnished to Govt. of India but to be published as usual .. in the official Gazette in future. but only particular works .. requiring marks of honor from Supreme Govt. to be reported .. to them according to their instructions —— 1851 25 Feby 3-4

Statement of Total amount of charges disbursed for in 1850 from the .. Accountant General recorded —— .. 11 Novr. 13-14

Zemindars – Vide "Balaujee Row". —

(44 [illegible])

84